APPENDIX B

GROUNDWATER MONITORING WELL CONSTRUCTION APPLICATIONS, BORING AND CONSTRUCTION LOGS, AND WELL DEVELOPMENT LOGS

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ORIGINAL File with DWR		WELL COMP	OF CALIF			<u> 8 Oliky –</u>	DO NOT FIEL IN
Page of	_	Refer to ti	LEALS			TATE WELL NO	O ISTATION NO.
Owner's Well No	<u> MCH-Iu</u>		o. e026	444			
Date Work Began		nded 7-13-05	·		LATITUDE		LONGITUDE
Local Permit Ag	ency SCVI				_	<u></u>	
Permit No		7 Permit Date	6-	22-05	<u> </u>	APN/TRS.	OTHER
· · ·	CEOLOGIC L			21.7	WELL O		
ORIENTATION (∠)		ZONTAL ANGLE			deft. of Nav	y क्षा <u>स्ट</u> ास्	1.1101/
DEPTH FROM SURFACE	METHODPIDH	FLUID N	<u>4 </u>	Mailing Address	<u> 1220 tacil</u>	<u> 12. 119</u>	0A 92132
FL to FI.		d, grain size, color, et	c.	CITY FAIR TO S	-90	 .	STATE ZIP
	I			Address For	mec NAS C	CATION— 46 FFB H	- Field-Orion Park
ļ	NO LOG OF BOI				ffett Field,	¢Ä	
 	SEE LOG FOR		OR.		<u>inta Clara´</u>		
} 	LOCAL LITHOLO) E Y				Parcel <u>0</u>	08
<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u></u>		Township65		Section	10
- ;	· · · · · · · · · · · · · · · · · · ·	·		Latitude	MIN. SEC.	Longitude .	DEG. MIN SEC.
,	· · · · · · · · · · · · · · · · · · ·			LO	CATION SKETCH -		ACTIVITY (±)
				<u> </u>	-775 0		MODIFICATION/REPAIR
				7/1///	(//		Déepen
1	·			Bida. 8.20	Vernon		Other (Specify)
· · · · · · · · · · · · · · · · · · ·	<u></u>			2.49. 020			— DESTROY (Describe Procedures and Materials
				11111111	1 15 1		Under "GEOLOGIC LOG")
				العقد	44		PLANNED USES (∠) WATER SUPPLY
				717111111 -	1-14A +5		Comestic Public Industria:
				WEST	777)	EAST	MONITORING V
1	<u> </u>			Bidg 818		w .	TEST WELL
!	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		June			CATHODIC PROTECTION HEAT EXCHANGE
······································				7	(DIRECT PUSH
1 1				9771711	ZZZ.		INJECTION
,					7		VAPOR EXTRACTION
				Illustrate or Describe	— SOUTH — Distance of Well from Road	ls Buildings	REMEDIATION
i i	<u> </u>	······································		 Fences Rivers, etc. an 	al attach a map. Use additi BE ACCURATE & COMP.	mal paper if	OTHER (SPEC.FY)
<u> </u>				WATE	R LEVEL & YIELD	OF COMPL	ETED WELL
					VATER 11 (Ft) BE		
i j					11-16 (FL) & DATE		
į į					· NA (GPM) 8 1		
TOTAL DEPTH OF		n -		TEST LENGTH N	A (Hrs.) TOTAL DRAW	DOWN N/A	(Ft.)
TOTAL DEPTH OF (COMPLETED WELL _3	4.5 (Feet)			esentative of a well's lon		
DEPTH		CASING (S)	<u> </u>			ANN	ULAR MATERIAL
FROM SURFACE	BORE- HOLE TYPE(ビ)				DEPTH FROM SURFACE		TYPE
	DIA. (Inches) SCREEN (SCREEN)	MATERIAL / INTERNAL GRADE DIAMETER		L JEANY		CE- BEN- MENT TONITE	FILL FILTER PACK
FI. to Ft.		(inches)	THICKNES	SS (Inches)	Ft. to Ft.	(エ) (エ)	(≚) (TYPE/SIZE)
0 14	10 1	PVC 4	50H 40		C 10	V	Portland
14 24	10 /	PVC 4	5CH 4	0.010	10 12	~	Pellets
		·		<u> </u>	17 75		~ #2/12 Sand
			·		<u> </u>	-	
<u> </u>							
ATTACE	IMENTS (∠)			CERTIFICA	TION STATEMENT		
Geologic	* 1				e and accurate to the	oest of my kr	nowledge and belief.
	struction Diagram	NAME TETTAT	CRÉORATION	TL, ME.			
Geophysi					le 500 Sant	Mean o	A 92101
Soi/Wate	r Chemical Analyses	ADDRESS ()	V 170 2	1001001	le 500, San 1	2.2301	STATE 1 21P
	NFORMATION, IF IT EXISTS.	Signed July	for l	Jest Hazm	a+ <u> </u>	8-29-05	614548
		WELL ORILYER/AUTHO	RIZEO REPRESE	NEATIVE	DAT	SIGNED	C-57 EICENSE NUMBER

WELL CONSTRUCTION COMPLETION NOTICE

Inspector: Home See
ation No.:
Dest Heamst Consumant: The Tel. Full Inc.
Conductor Conductor Diameter TD:
oter Valle Size: 20 Interval(s): 14 - 27
Materials 2/2 Interval(s): /2 . 25 Bent: /2 . /0 Seal Depth: /2
Sealing Material: Wheat Cement 10 Sack Sand Sturry Drilling Method X HSA Mud rotary Other (See
ning ∷ GW Extraction ☐ Vadose Monitoring ☐ Vac
Domestic
Well constructed according to provisions of Santa Clara Valley Water District Permit? Ares 🔼 No (See Comments)
Well Location 375 (N) S. US 101 35 n.E (W) (10, 110) Cicle
GPS Coordinates - Lat: 27 24 22 6 20 1/ Long: 123 54 06. 054 41
Comments:
Distribution: ORIGINAL Permit File: VELLOW-Children BINK Walt File: COLDENDOR D

Santa Clara Volley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	10 m
District Permit No.: 05w 00 397	Date Issued:	6-22-05	Well Registration No.;
Geologic Setting:	Expiration Date:	12-22-05	Driller's Log No.: 026444
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. NAVY	Property Owner:	s. Army	Name of Business at Well Site: Former NAS Muffett Field
Well Owner's Mailing Address: 1220 Pacific Highway	Property Owner's Ma 1395 J Str	eiling Address: <u>ec+</u> Afrn: CESPK-RE-M	Address of Well Site: Orion Fark Housing Area
City, State, Zip San Diego, CA 92132	City, State, Zip Sacramen		City. State. Zip Moffett Field, CA 94035
Rick Weissenbum 619-532-0952	Telephone No. & Co Mike Bain	ntact Name: 416-557 - 6787	Telephone No.: Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.: MCH	- LUA		Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fr	V. Inc.		st Hazmat
Address: 1230 Columbia Street	•		st Katella Avenue
City, State, Zip San Diego, CA	92101		aheim, CA 92805
Telephone No.: 619-471-3525			9-6850 C-57 License No. 819548
Check if address or phone number has chang	ed	Check if address or pho	ne number has changed
THIS SECTION TO BE COM	PLETED FOR ALL MO S MOFFEH FIE	ONITORING WELLS OR EXT	RACTION/RECOVERY WELLS
Oversight Agency: EPA IRWACB		C.V.W.D oversight, list Case I	Number(s):
Type of monitoring device:	r 🔲 Vadose	Vanne	plelman
Type of extraction device: Groundwate		Signat (No substi	ure of Responsible Professional tution of signature will be accepted)
Monitoring well use: ☐ Depth ☒ Qualil Nested Well: ☐ Yes ☒ No	ty	7	Calabarasa
Nested Well: Yes X No Note: If Nested Well is proposed, a separate per	mit is needed for	Dennis	Print Name
each casing.		Registration No. Civil Engir	neer OR Registration No. Geologist
Estimated Depth of Completed Well:	Less than 50 ft.	☐ 50 to 300 ft. ☐	Over 300 ft.
Purgose of Well: ☐ Domestic ☐ Municip	al/Industrial 🔲 Agr	icultural Monitoring	Cathodic Protection Other:
*Monitoring wells are those constructed for the pu	rnose of oblaining rea		
T	apose of ootaning rep	elitive water level measureme	ents and/or repetitive air samples for analysis. **Don private property** ** On SCVWD property***
1	alk ☐ In a public ro —	ad On public property	On private property On SCVWD property
Within 50 ft. of the top of a creek*	alk ∐ ln.a.publicro ∐ Yes 💆	ad On public property No Within 50 ft, of any e	xisting well
Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer	alk ☐ In a public ro ☐ Yes	ad On public property No Within 50 ft. of any e No Within 150 ft. of a co	xisting well
Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer Within 100 ft. of a pit privy, septic tank, leachfield	alk ☐ In a public ro ☐ Yes	ad On public property No Within 50 ft, of any e No Within 150 ft, of a co No Other wells exist on	xisting well
Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2.	alk ☐ In a public ro ☐ Yes ☑ Yes ☐ ☐ Yes ☐	ad On public property No Within 50 ft. of any e No Within 150 ft. of a co No Other wells exist on Status:	xisting well
Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2. CERTIL t certify that the information given above is correct and Santa Clara Valley Water District Ordinance	Alk In a public ro Yes X Yes I Yes X FICATION BY WELL Cot. I certify that the well arranged that it is my restand that it is my re	ad On public property No Within 50 ft, of any e No Other wells exist on Status: X DWNER/AGENT AND DRILL will be constructed in compliat ta right of entry/encroachmets sponsibility as the well owner.	xisting well
Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2. CERTIL t certify that the information given above is correct and Santa Clara Valley Water District Ordinance owner and property owner, if parties differ. I und of this well, from that, which is indicated on this a	Alk In a public ro Yes Yes Yes Yes Yes X FICATION BY WELL Cot. I certify that the well arrestand that it is my repplication. NOTE: All	ad On public property No Within 50 ft. of any e No Other wells exist on Status: X DWNER/AGENT AND DRILL will be constructed in complia t a right of entry/encroachmet sponsibility as the well owner, applicable signatures must be	xisting well
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Within 50 ft. of the top of a creek* Within 50 ft. of sanitary sewer Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2. CERTIL t certify that the information given above is correct and Santa Clara Valley Water District Ordinance owner and property owner, if parties differ. I und of this well, from that, which is indicated on this a Signature of Property Owner/Agent Within 50 ft. of the top of a creek* CERTIL LEAGURE CERTIL CERTIL TOTAL CERTIL TOTAL CERTIL CERTIL TOTAL TOTAL CERTIL TOTAL CERTIL TOTAL TOTAL CERTIL TOTAL CERTIL TOTAL TOTAL TOTAL CERTIL TOTAL TOTAL	Alk	ad On public property No Within 50 ft. of any e No Other wells exist on Status: X DWNER/AGENT AND DRILL will be constructed in complic t a right of entry/encroachmer spensibility as the well owner, applicable signatures must be Q OS Date Le (C / 05 Date	xisting well

Santo Clara Valley Water District 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

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DISTRICT WELL PERMIT NO.:	05600397

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

COUNTY OF SANTA CLARA DEPARTMENT OF ENVIRONMENTAL HEALTH APPROVAL						
Domestic Water Supply Wells Only (Note: D. E. H. Approval must be granted before this application will be accept	ted by S.C.V.W.D.)					
Date: Approved By: , R.E.H.S.						
Approved As Submitted: Approved As Corrected:						
SITE PLAN A SITE PLAN MUST BE ATTACHED TO THIS APPLICATION						
THE SITE PLAN MUST BE SUBMITTED ON 8 1/2" X 11" PAPER						
THE SITE PLAN MUST CONTAIN:						
 Location of site features, including major buildings, landscaped areas, tank fields, existing wells, etc. 						
North arrow and scale						
2. Location of proposed well with dimensions in fact from well to pagreet cross streets						

GENERAL CONDITIONS

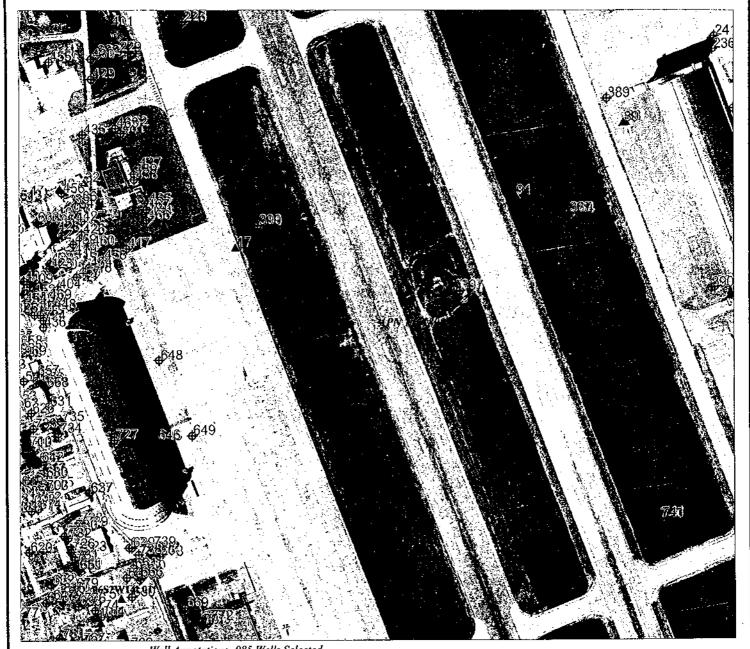
- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- 1. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- E. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
20	
1 000 0 101	
Community Projects Repiew Unit Approval; (if needed)	CPRU Permit No.:
Approved By:	Date: 6-72-05

Sanka Clara Valley Waker District STSO ALMADEN EXPRESSWAY SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

Well A	innolations	<u>- 985 Wells</u>	Seiectea			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
12	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Cata	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WU4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

Approximate Scale

c:\gisprojects\well_info.apr

50 0 250 500 Feet

(See attached sheet(s) for additional wells)

wcus.sup
◆ Water Supply - Active
Water Supply - Standby
Water Supply - Inactive
Extraction (Env) - Active
Extraction (Env) - Inactiv
Other - Active
Other - Inactive
* Abandoned
♠ Destroyed
▲ Status Undetermined
[Tarcels.shp
▲ Fuelleak.shp
VALFLOOR, SHP
Zone I
Zone 2
T 774 Zona 1

Zone 3 Zone 4

June 20, 2005

ORIGINAL STATE OF CALIF	
File with OWR WELL COMPLETI Refer to Instruction	
rage or NACH _ OLA No see	·
7 12 25	LATITUDE LONGITUDE
Z A M A S C A M A M A S C A M A S C A M A S C A M A S C A M A S C A M A S C A M A M A S C A M A S C A M A S C A M A S C A M A S C A M A S C A M A M A S C A M A S C A M A S C A M A S C A M A S C A M A S C A M A M A S C A M A S C A M A S C A M A S C A M A S C A M A S C A M A M A S C A M A S C A M A S C A M A S C A M A S C A M A S C A M A M A S C A M A M A S C A M A M A S C A M A M A S C A M A M A S C A M A M A S C A M A M A S C A M A M A M A M A M A M A M A M A M A	
0.000.000	- 2-2-05
Permit No. USWOV 349 Permit Date 4	WELL OWNER
ORIENTATION () VERTICAL HORIZONTAL ANGLE (SPECIFY)	Name U.S. Dept. of Navy
DOULING 11 A A	Mailing Address 1220 Pacific Highway
DEPTH FROM	San Nego CA 93132
SURFACE Ft. to Ft. Describe material, grain size, color, etc.	CITY STATE ZIP
	Address Former NAS Moffett Field - Origin Park
1 .;	City Moffett Field CA
SEE ATTACHED BORING LCG	County Santa Clara
	APN Book 116 Page 18 Parcel CUS
	Township 65 Range 26 Section 10
	Latitude NORTH Longitude WEST
	DEG. MIN. SEC. DEG MIN SEC LOCATION SKETCH TACTIVITY (∠)
i i	NORTH
	MODIFICATION REPAIR
	Deepen Other (Specify)
t i	Bida 800
	DESTROY (Describe Procedures and Materials
1 1	Under SEOLOGIC LOG"
1 1	PLANNED USES (∠)
	MEH-JLA 30 Domestic Public
	Industria Industria
	Bldg. 8/8
	HEAT EXCHANGE
	DIRECT PUSH
	NAJECTION
	SPARGING
1 1	SOUTH REMEDIATION REMEDIATION
	Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if mecessary, PLEASE BE ACCURATE & COMPLETE.
Į į	WATER LEVEL & YIELD OF COMPLETED WELL
	DEPTH TO FIRST WATER 1 (Ft.) BELOW SURFACE
	DEPTH OF STATIC 11.43 (FL) & DATE MEASURED 8-2-05
110	ESTIMATED YIELD . NA (GPM) & TEST TYPE NA
TOTAL DEPTH OF BORING 49 (Feet)	TEST LENGTH MA. (Hrs.) TOTAL DRAWDOWN NA (Ft.)
TOTAL DEPTH OF COMPLETED WELL 43.5 (Feet)	* May not be representative of a well's long-term yield.
CASING (S)	DEDTH ANNULAR MATERIAL
DEPTH FROM SURFACE BORE- HOLE TYPE (≤)	FROM SURFACE TYPE
Fi. to Fi. DIA. (Inches) Inches) Inches I	ESS (Instruct) Ft. to Ft. (TYPE/SIZE)
0 32 10 PVC 4 SCH	
	70 0.010 28 30 V Reliets
	30 44 V #2/12 Sand
	14 49 V SICUAN
ATTACHMENTS (\(\neq\))	CERTIFICATION STATEMENT
Geologic Log	this report is complete and accurate to the best of my knowledge and belief.
Well Construction Diagram NAME 18TO 18CM	EL, INC.
(PERSON, FIRM, OR CORPORATION	A
SoitWater Chemical Analyses 1750 CO LUMBIA	Street, Suite 500, San Diego, CA 92101
Other ADDRESS Q Q W Green	Clarellandent ciry a 20 or 019540
ATTACH ADDITIONAL INFORMATION IF IT FXISTS Signed Signed	
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS. SIGNED WELL DRILL READTHORIZED REPRI	West Hazmat 8-29-05 819548 ESERTATIVE DATE SIGNED 0-57 LICENSE NUMBER

WELL CONSTRUCTION COMPLETION NOTICE FOE 158A (07-12-04)

			**								•	. 1
Inspector:	5	emann	77	:	Date (Date of Lipspirofing: 65	\$\cdot{\pi}{\pi}		rmit:	アンク	Permit: 05W00399	0
Well Owner:	, S	1	>	ACT.	METER WEXIL	٦	Well Registration No.:	20:	26502 WOOK	WISK	900.	•
Address Or	ion F	ark ,	Housing	182	Mols	ett.	F,eld	,	County	SC	ľ	
5	1254	Har	mat	Consultant	int: 14	etra	tra Tech	7	とア			٠٠٠,
	Conductor Depth:		Conduct & Materi	Conductor Diameter	1	64	Bor	Boring Diameter:	3 BOC:	42	i.	: ·
Casing Dlameter	pro	Slot 0/0	Screen Interval(s):	エル		3	*			Nw No No		e G∰ri
Filter Pack	4	Filter Paci Interval(s)	Filter Pack T. 1.	000	-	Bent:	30	30 - 28		Seal Depth: 30	<u> </u>	esya, . Kan
Sealing Material:	Neat	Cement 10 Sack Sand Slurry Drilling Method: KHSA	10 Sack	Sand Slur	ry Dril	ling Metho	SHX po		☐ Mud rotary ☐ Other (See	ry 🗆 Othe	r (See	
	☐ Bernto	Bentonite Sturry Other (See Comments)	Other (S	ee Comm	ents)			ct Push	Direct Push 🗌 Air Rotary	E 0.0	ments)	
Well Type: K GW Monito	Monitor	ring Cow Extraction Vadose Monitoring Vadose Extraction Cathodic	V Extraction	ا 🗆 Vado	se Monitor	ing 🗆	Vadose	Extraction	□ Catho	dic		
od 🗇	Domestic		☐ Agricultural	☐ Munic	☐ Municipal/Industrial		□ Elevator		Other	🗌 Other (See Comr	ments)	
Well constructed accordin	accordin	g to provisions of Santa Clara Valley Water District Permit?	ons of Santa	Clara Val	ley Water	District Pe	ermit?	-	☐ No (See Comments)	Comments		i
Well Location:	3	(S) N	Varnam	, m	4VC	//	ft.E /(W)	(M)	Ternon	1 Cir	-4/2-	
GPS Coordinates - Lat:	- Lat:		No	dFI	8	Long:		110	(4)	52		
Comments:			•	5								

Bistribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

Santa Clara Valley Water District 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

 $||y||_{L^{2}(\mathbb{R}^{n})}\leq 2$

FC 158 (12-16-02) Page 1 of 2

5750 Almaden Expressivay, Care Coos, Co.	TO BE COMP	ETED BY DISTRICT	
The state of the s	Data Issued: 1		Well Registration No.:
District Permit No.: 05 W00 399	0-	22-05	Driller's Log No.:
Geologic Setting:	Expiration Date: 12	-22-05	026446
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. Navy	O	s. Army	Former NAS Muffett Field
Well Owner's Mailing Address: 1226 FACINE HIGHWAY	Property Owner's Ma	iling Address: DET AMN: CESPK-RE-M	Address of Well Site:
City, State, Zip Company			City, State, Zip fett Field, CA 94035
City, State, Zip San Diego, CA 92132 Telephone No. & Contact Name: CA 92132	i Telephone No. a co		Telephone No.:
Rick Walssanbum 617-331-0132		710-35/-018/	Assessor's Parcel Number of Well Site:
MLH-		TB 36 O	Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fr	V, Inc.		st Hazmat
Address: 1230 Columbia Street	, Suite 500		ist Katella Avenue
	92101	City, State, Zip An	aheim, CA 92805
Telephone No.: 619-471-352		Telephone No.: 714-93	
Check if address or phone number has change		☐ Check if address or pho	one number has changed
THIS SECTION TO BE COM	PLETED FOR ALL MO	NITORING WELLS OR EXT	RACTION/RECOVERY WELLS
CASE NAME: FOME NE	5 MOHEH FIG	10	
Oversight Agency: <u>EPA / RW & CB</u>		C.V.W.D oversight, list Case	Number(s).
Type of monitoring device:		Y	lure of Responsible Professional
Type of extraction device: Groundwate		(No subst	litution of signature will be accepted)
Monitoring well use: ☐ Depth 🙀 Quali	y Childride	Dennis	Goldman
Nested Well: Yes X No . Note: If Nested Well is proposed, a separate per	mit is needed for	<u> </u>	Print Name # 4509
Note: If Nested Well is proposed, a separate police each casing.		Registration No. Civil Engl	
\\\\\\\\\	Locathon EO A		Over 300 ft. Other:
Estimated Copin of Table 1	Less than 50 ft.	icultural Monitoring	Cathodic Protection Other:
·	4 - L L - Y - S - A - A - A - A - A - A - A - A - A	ALEGA MAIOT IOVAL MARSHIERT	IBUIZ SURIO IEDERNAC ON SOMBIOS IO, O. T. S.
Well is to be Constructed:	ralk ∐ In a public ro	iad	
Within 50 ft. of the top of a creek*	☐ Yes 🔼	No Within 50 ft. of any	cesspool or seepage pit Yes X No
Within 50 ft. of sanitary sewer		No Within 150 ft. of a control of the control of th	2030p00101000p+3-7-1
Within 100 ft, of a pit privy, septic tank, leachfiel *See General Condition E, page 2.		Status: 💢	Active Inactive Abandoned
CERT	IFICATION BY WELL	OWNER/AGENT AND DRIL	LER/AGENT
Leadify that the information given above is corre	ct. I certify that the wel	will be constructed in compl	ance will the conduction of the political helween the well
and Santa Clara Valley Water District Ordinand owner and property owner, if parties differ. I un	derstand that it is my re	sponsibility as the well owne	r, to notify this District of any changes in the purpose per present before permit will be processed.
owner and property owner, if parties differ. I un of this well, from that, which is indicated on this	application. NOTE: All	<i></i>	Leslie Tornatore
Signature of Property Owner/Agent	tre 6	9/05	Acting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent	_	Date /c./a.s	
Wilson Dorton Signature of Well Owner/Agent	<u>رط </u>	/6/05	Wilse in Doc-fov Print Name of Well Owner/Agent
Hall for WestHaz	unt b	-6-05	BRYCE BARTELMA
Signature of Well Driller/Agent			tlor(Agost
IMPORTANT: A minimum 24-	nour notice must be giv	en to SC\ V · W . I . protio	Dopo, 1. if revinsibility the annular seal, (all (7.)8: 265-260 Ex. 21.20.

JUN 1 3 2005

SCVWD

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

	0 C W 00 200
DISTRICT WELL PERMIT NO -	05W00399

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

	EPARTMENT OF ENVIRONMENTAL HEALTH APPROVAL Only (Note: D. E. H. Approval must be granted before this application	will be accepted by S.C.V.W.D.)
Date:	Approved By:	, R.E.H.S.
Approved As Submitted:	Approved As Corrected:	
SITE PLAN		
	TACHED TO THIS APPLICATION	•
THE SITE PLAN MUST BE	SUBMITTED ON 8 1/2" X 11" PAPER	
THE SITE PLAN MUST COM		
 Location of site features 	, including major buildings, landscaped areas, tank fields, existing wells	s, etc.
North arrow and scale		
Location of proposed we	ell with dimensions in feet from well to nearest cross streets	

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold
 the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or
 resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful
 death
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

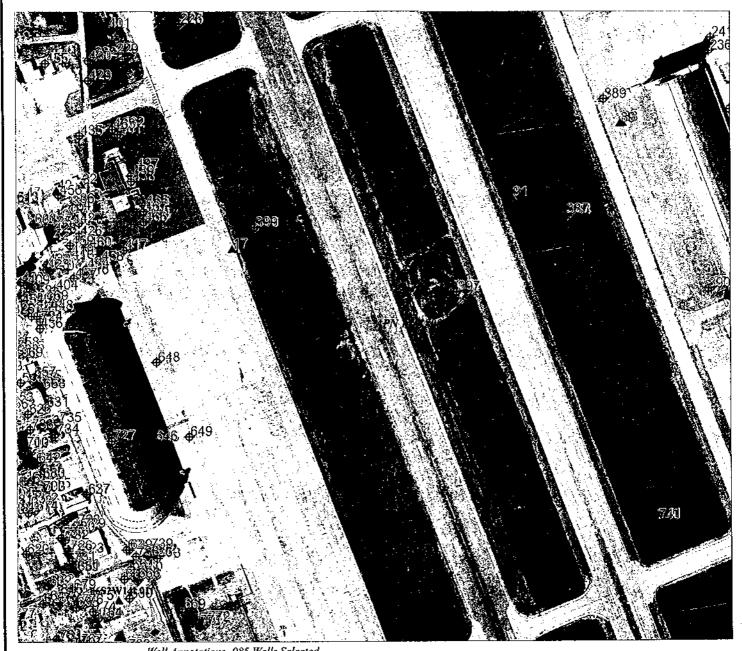
Special Conditions:	
Community Projects (Review Unit Approval: (if itsedded)	CPRU Permit No.:
Approved By:	Date: 6-22-05

PLEASE ALLOW 10 WORKING DAYS TO PROCESS THIS APPLICATION

Santa Clara Valley Waker District 5750 ALMADEN EXPRESSWAY SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

well A	<i>innotations</i>	<u>- 985 Wells</u>	Selectea			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN 1	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
111	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WU4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

(See attached sheet(s) for additional wells)

Water Supply - Standby Water Supply - Inactive Extraction (Env) - Active Extraction (Env) - Inactive ♦ Other - Active * Abandoned ♠ Destroyed Parcels.shp ▲ Fuellcak.shp VALFLOOR SHP

500 Feet 250 250 e:\gisprojects\well_info.apr

June 20, 2005

ORIGINAL File with DWR		W			F CALIFO	ornia ON REPORT	16	ONLY -	DO NOT FILE IN
Page 1 of 1					JELLIC Araction P			ATE WELL NO	STATION NO.
Owner's Well No.	MCH-	3UA	•	•	e0264	•			
Date Work Began	· — • • • • • • • • • • • • • • • • • •	, End		2-05	0020	110	LATITUDE		LONGITUDE
Local Permit Age		CVW							
Permit No	<u>05w00</u>		_ Permit Da	ate	6	-22-05	. 	APN/TRS/	OTHER
	GEOL	OGIC LOC			I		WELL O	wner —	
ORIENTATION (±)	V VERTICAL .	HORIZON	TAL ANG	BLE	(SPECIFY)	Name U.S. De	Pt. of Navy		
DESTR FROM	DRILLING H	5A	FLUII	<u>۱۸ م</u>		Mailing Address	1220 facific	HIYNW	AY (1/20)
SURFACE	0		RIPTION		i	San DI	lego		<u> </u>
Ft. la FL	Describe	e material,	grain size, e	olor, etc.	·	=	NAS MOFFEH	— қоітаз	
	! !					Address Former	TEXAL CA	Field -	Orion Park
	SEE ATTAC	UCN R	ORING L	16-		City Moffett County Sant			
	, , , , , , , , , , , , , , , , , , ,	-110 P X	VIVIO E	4/0		APN Book 116		Parcel	08
						Township65		Section	10
1						Latitude	•	Longitude L	, WEST
1						DEG. MI	N. SEC. ATION SKETCH -		DEG. MIN. SEC. ——ACTIVITY (∠) ——
	İ					-	— NORTH ————		NEW WELL
						Yerr	non Ave.		MODIFICATION/REPAIR
1	!					\$777	11111111111	777777	. — Deepen — Otner (Specily)
	! 								
ļ 						111 12	Blog. 546		DESTROY (Describe Procedures and Materials
<u> </u>						395	,,,,,,,,,,,	/////	Under "GEOLOGIC LOG")
				····-		14 L			PLANNED USES (∠) WATER SUPPLY
									Domestic Public Industria,
						¥ € 84 • • • • • • • • • • • • • • • • • • •	Parking Lot	EAST	MONITORING V
í						7	<u> </u>	ш.	TEST WELL
						X (_	CATHODIC PROYECTION
	· ·					TO MCH-3U	A		HEAT EXCHANGE
	i r					12			INJECTION
· · · · · · · · · · · · · · · · · · ·	1					Fence			VAPOR EXTRACTION
ļ	! !						— \$00тн ———		SPARGING REMEDIATION
 	<u>'</u> ' '					- Illustrate or Describe L Fences-Rivers, etc. and	Distance of Well from Boud Lattach a map, Use addition E ACCURATE & COMPL	s, Buildings. nal-paper if	OTHER (SPECIFY)
1	1								
1							LEVEL & YIELD (ATER		
<u> </u>	<u>'</u>				[i
	, ,					WATER LEVEL	0.32 (Ft.) & DATE	MEASURED _	8-3-05
}	· · · · · · · · · · · · · · · · · · ·	-				ESTIMATED YIELD ."	(GPM) & T	EST TYPE.	<u> NIA</u>
TOTAL DEPTH OF	BORING 37	Feet)			.		L (Hrs.) TOTAL DRAW		(Ft.)
TOTAL DEPTH OF	COMPLETED WE	լլ <u> </u>	1(Feet:			* May not be repres	entative of a well's long	g-term yield.	
DEPTH			CAS	SING (S)			DEPTH	ANN	ULAR MATERIAL
FROM SURFACE	BORE- HOLE TYPE	(∠)					FROM SURFACE		TYPE
· · · · · · · · · · · · · · · · · · ·	DIA, NAIGHERN SCREEN			INTERNAL DIAMETER	GAUGE OR WALI			CE- BEN- MENT TONITS	FILL FILTER PACK
FI. to Ft.	금양	정원분		(Inches)	THICKNES	SS (Inches)	Ft. to Ft.	(조) (조)	[[TYPESIZE]]
0 13	10 V		VC	IJ_	SCH HO		0:9	V	Portland
13 23.5	10 1	F	V/C	니	SCH Y	0.010	9 11	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pellets
		+	-				11 24.5		V 42/12 Sand
1		- - -				1	- 1		
1	 	+	+	-					
ATTAC				<u>.</u> !		CERTIFICAT	ION STATEMENT		
✓ Geologic			I, the unders	signed, ce	rtily that th		and accurate to the l	best of my k	nowledge and belief.
	nstruction Diagram		NAME T	etra-	Tech	EC, Inc.			
L.	sical Log(s)		NAME (PERSON	FIRM, OR C	CRPORATION)	(TYPED OR PRINTED)	E00 Co	A 100	CA (2012)
1	er Chemical Analyses	,	1230 L	:01mM1	ora St	teet, Suite	500, San	piedo)	<u>ca 92101 </u>
Other		[[ADDRESS)(/rs	£ .	MOCILLIAZA	iat	8-29-1	5 819548
ATTACH ADDITIONAL	INFORMATION, IF IT	EXISTS.	Signed WELL &	RILLEBSATHO	RIZED REPRESE	W. COT 1 1 400	DATE DATE	O VIO E SIGNED	C-57 LICENSE NUMBER
DWR 155 REV 11-97	IF	ADDITIONA	L SPACE IS	NEEDED.	USE NEX	T CONSECUTIVELY	NUMBERED FORM		

Santa Clara Valley Water District

WELL CONSTRUCTION COMPLETION NOTICE

TO SEED OF A SEE

FCE 158A (09-05-02)

		-
Inspector. Thi amann	Date of Inspection 7 12 105 Permit: OCLIOO3	2280
Well Owner: U, S, Navy	Parich Well Registration No.: 0/5/00/1	なたりなっ
Oddress of Well Ster Housing of	W 🗢	
Drilling Company: West Hatemat	1	000
Cond. Bore: Conductor Depth: Conductor Diameter	TD: 24, 5 Boring 10" E	0
Casing Diameter 100 Stot Occeen & Material: PVC Size 010 Interval(s):	23-13	
/20 Filter Pack Interval(s):		
Seating Material: Weat Cement 10 Sack Sand Slurry Other (See Comments)	Drilling Method: KHSA	See ants)
oring GW Extraction	_	
☐ Domestic ☐ Agricultural ☐	☐ Municipal/Industrial ☐ Elevator ☐ Other (See Comments)	· (§
Well constructed according to provisions of Santa Clara Valley Water District Permit?	y Water District Permit? Yes 🔲 No (See Comments)	
Well Location 3/5 ft. N (S.) Vernon	150 VE) W. Vernon (ice)	
GPS Coordinates - Lat:	-1894 Long: 6 Exterid	19
Comments	122-03-56-649	
No laps		*
Distribution ORIGINAL Demit File: VEt 1 OW City/Courses D	VET 1 OW City County: DINK WAIT CITY CO. DAILMAGE C.	

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	
District Permit No.: 05W 00 398	Date Issued: 6-	22-05	Well Registration No.:
Geologic Setting:	Expiration Date: 12	-22-05	Driller's Log No.: 026445
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. Navy	Property Owner: W	s. Army	Name of Business at Well Site: FORMER NAS Moffett Field
Well Owner's Mailing Address: 1226 Facific Highway	Property Owner's Ma 1395 J Str	ailing Address: ee+ AHN: CESPK-RE-M	Address of Well Site: Orion Park Housing Area
City, State, Zip	City, State, Zip SACTAMEN Telephone No. & Co	to, CA 95814	City, State, Zip Moffett Field, CA 94035 Telephone No.:
Telephone No. & Contact Name: Rick Weissenburn 619-532-0952	Mike Bain	410-557-6787	
Owner's/Consultant's Well No.: MCH -			Assessor's Parcel Number of Well Site: Book: 1 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Ft		Drilling Company: Wes	st Hazmat
Address: 1230 Columbia Street	-		st Katella Avenue
	72101		aheim, CA 92805
Telephone No.: 619-471-3525	5		9-6850 C-57 License No.: 819548
Check if address or phone number has chang		Check if address or pho	ne number has changed
THIS SECTION TO BE COM	PLETED FOR ALL MO	ONITORING WELLS OR EXT	RACTION/RECOVERY WELLS
CASE NAME: FORMER NA		C.V.W.D oversight, list Case it	Number(s):
Oversight Agency: EPA / RWACB		C.V.W.D Oversigni, not oddo	0 11 11 - 12 -
Type of monitoring device:		Signat	ure of Responsible Professional
Monitoring well use: Depth Quality	-	(No substi	tution of signature will be accepted)
Nested Well: Yes X No		Dennis	Print Name
Note: If Nested Well is proposed, a separate per	mit is needed for		# 4509
each casing.		Registration No. Civil Engir	neer OR Registration No. Geologist
Estimated Depth of Completed Well:	Less than 50 ft.		Over 300 ft.
Durance of Malls Domestic Municip	al/Industrial 🔲 Agr	icultural Monitoring	Cathodic Protection Other:
Monitoring wells are those constructed for the pu	urpose of obtaining rep alk In a public re	etitive water level measurement and Don public property	On private property On SCVWD property
Within 50 ft. of the top of a creek*	☐ Yes 💆		existing well Li Yes 🛂 No
Within 50 ft. of sanitary sewer		No Within 150 ft, of a co	esspool or seepage pit 🔲 Yes 🔯 No
Within 100 ft. of a pit privy, septic tank, leachfield	🛚 Yes 🛚 🔼	_	
*See General Condition E, page 2.	EICATION BY WELL	DUMEDIAGENT AND BRILL	FRIAGENT
t certify that the information given above is correct	ct. I certify that the well 90-1, I also certify the	I will be constructed in complia at a right of entry/encroachmen sponsibility as the well owner, applicable signatures must be	ance with the conditions of this permit (See Page 2). It agreement has been formalized between the well to notify this District of any changes in the purpose
Role Jornat	, 1	_ /	cting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent	<i>(</i> *)	Date	Wilson Doctor
Wilson States		6/05 Date	Print Name of Well Owner/Agent
Dill for WestHazm	at	6-6-05	BRYCE BARTELMA
Cinacture of Mall Driller/Agent		Date	Print warte of Driller/Agent
INTROCETABLE A minimum 24-b	our notice must be give	en to Silirvy Viall Espaction ands, acide including attentions of); of plor to os. "ing the annular seal. 1 1 18 265 507 x 2120

CAVWD

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

DISTRICT WELL PERMIT NO.:	05wo0 398
DISTRICT NUCLE I LIMIT NO	<u> </u>

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

application by Permitee and is also sui	special to the General and Special Conditions stated below.	
	TMENT OF ENVIRONMENTAL HEALTH APPROVAL	
Domestic Water Supply Wells Only	(Note: D. E. H. Approval must be granted before this applicate	
Date:	Approved By:	, R.E.H.S.
Approved As Submitted: A	pproved As Corrected:	
North arrow and scale	IITTED ON 8 ½" X 11" PAPER l: iding major buildings, landscaped areas, tank fields, existing v	wells, etc.
 Location of proposed well wit 	n dimensions in feet from well to nearest cross streets	

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
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- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
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- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- I. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.

O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
	Loopi G. W. M.
Community Projects Review Hnit Approvals (if needed)	CPRU Permit No.:
Approved By:	Date: 6-22-05

PLEASE ALLOW 10 WOLKING DAYS TO PROCESS THIS APPLICATION

Orion Park Housing Area 8. B. 圖圖 *6*; • Highway 101 **8**8 ffett Blvd 8 M Stevens Road ee Marke 788 Vernon Circle La Avenida St Stevens Creek MCH-3UA 883(

Sanka Clora Valley Water District STSO ALMADEN EXPRESSIVAY
SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

Well a	Annotations	- 985 Wells	Selected		,	
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
13	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
17	No Oata	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undatermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
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13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
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15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WÚ4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

(See attached shoet(s) for additional wells)

Wells shp

Water Supply - Active

Water Supply - Standby

Water Supply - Inactive

Extraction (Env) - Active

Extraction (Env) - Inactive

Other - Active

Other - Inactive

Abandoned

Destroyed

Starus Undetermined

Parcels shp

Fuelteak.shp

VALFLOOR.SHP

Zone 1

Zone 2

Approximate Scale

c:\gisprojects\well_info.apr

0 250 500 Feet

June 20, 2005

ORIGINAL File with DWR		,		STATE OF		ORNIA ON REPOR'		ONLY -	DO NOT FILL IN
Pageof				efer to Insi			ST	ATE WELL NO	ASTATION NO
Owner's Well No.	MCH.	-41	-A	No.	e0264	147			
Date Work Began				8-05			LATITUDE		LONGITUDE
Local Permit Age		こして							
Permit No	" 05W00)ate	6-2	12-05		APN/TRS/	OTHER
remit No	GEOLO			/atc			well o	WNER -	
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	SEE ATTACK	1ED	BORING	106		County Say			
1						APN Book		Parcel	008
T T		· · · · · ·				Township 65	Range ヲω s		10
!						Latitude		Longitude _	WEST
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						9	SOUTH		REMEDIATION
	-					- Illustrate or Describe . Fences Rivers, etc. am	Distance of Well from Rom I attach a map. Use additie E ACCURATE & COMPI	ls, Buildings. mal paper if	OTHER (\$PEC.FY)
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<u> </u>	· 			·-·-		WATER	LEVEL & YIELD		
 	· ·			• •		DEPTH TO FIRST W	ATER 8 (FL) 8E	LOW SURFAC	Ε
· · · · · · · · · · · · · · · · · · ·	· ·					DEPTH OF STATIC	4 Q I		8-3-05
l							N A (GPAI) & DATE	MEASURED _	NIA
TOTAL DEPTH OF	BORING 49	4E 4	`				$\frac{A}{A}$ (H/s.) TOTAL DRAW		
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TOTAL DEPTIL OF	COMPLETED WEL	<u> </u>	i - z (reet,			Muy not be repre	sentance of a wen's ion	ig-term yiem.	
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FROM SURFACE	BORE- HOLE TYPE	<u>∠)</u>					FROM SURFACE		TYPE
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		11				· ·			
ATTAC	HMENTS (∠) —		1 [CERTIFICA	TION STATEMENT		
✓ Geologie			I, the unde	rsigned, ce	rtify that t	his report is complet	e and accurate to the	best of my k	mowledge and belief.
	nstruction Diagram		NAME	Tetra	12c/	1 EC, INC.			
1	sical Log(s)		(PERSO			(TYPED OR PRINTED)		C . N.	San CA COLAI
1	ter Chemical Analyses		1930	Colur	ub la	Street, 3	uite 500,	<u>sun Di</u>	egu, un yolul
Other	-		ADDRESS	DRN.		- معدمة أنانهما	CITY	0.00	GIATE QIQENO
	INFORMATION, IF IT E	XISTS	Signed		764 L	lest Hazma-		8-29-1	
ALIAGA ADDITIONAL	an orangerought in the		WEEL	DRILEER/AUTHO	RIZED REPRE	SENIATIVE	DA	TE SIGNED	G-57 LICENSE NUMBER

WELL CONSTRUCTION COMPLETION NOTICE FCE 158A (07-12-04)

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10 / Well Well No. Charles No. Obs.
Nork Hous
Mant Harmot Consultani: Tota Toch Flu !
Conducto Depth:
Casing Diameter 4" M. Size: 016 Screen.
Sealing Material: Malegat Cement 10 Sack Sand Slurry Drilling Method: WHSA Dud rotary Dother (See
ny 🗋 Other (See Comments)
Well Type: Y GW Monitoring GW Extraction Vadose Monitoring Deadose Extraction Cathodic
□ Domestic
Well constructed according to provisions of Santa Clara Valley Water District Permit? Yes 🔲 No (See Comments)
Well Cocation, 2.20 MM S: Moffet Blud. 403 NE) W. (Dorles) Circle
GPS Coordinates. Lat: 3724 34. 510 11 Long: 132 03 56. 094 W
Comments:

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

WELL (

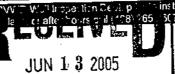
WELL CONSTRUCTION APPLICATION

FC 158 (12-16-02) Page 1 of 2

Santa Clara Valley Water District 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

5/30 Almaden Expressway, Call 9009,	TO BE COMPI	ETED BY DISTRICT	4.12.42 T. 2.48.
District Dennit No.		6-22-05	Well Registration No.:
District Permit No.: 05W90400		17-22-05	Driller's Log No.: 026447
Geologic Setting:		<u> </u>	
		BY OWNER AND DRILLER	News of Pusiness of Wall Site:
Well Owner: U.S. Navy	Property Owner: U	s. Army	Name of Business at Well Site Former NAS Moffett FIELD
Well Owner's Mailing Address:	Property Owner's Ma	iling Address! LET AHM: CESPK-RE-M	Address of Well Site: Union Park Housing Arca
City, State, Zip San Diego, CA 92132			City, State, Zip Moffett Field, CA 94035
Telephone No. & Contact Name: 522-0951	Telephone No. & Cor	to at blome:	Telephone No.:
RICK TODGSSANDOM - 61-(-554-0154	Mike Baizi	916-557-6787	Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.: MCH -	4LA		Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fl	V. Inc.		st Hazmat
Address: 1230 Columbia Street	- Suite 500		st Katella Avenue
	92101	City, State, Zip	aheim, CA 92805
Sull plead of		W. L. L. v. N. J.	39-6850 C-57 License No.: 48
1 017-7/1 39/-	<u> </u>	Check if address or pho	, <u> </u>
Check if address or phone number has change		<u> </u>	
THIS SECTION TO BE COM	PLETED FOR ALL MO	ONITORING WELLS OR EX	TRACTION/RECOVERY WELLS
204101002	Pahoutt	C.V.W.D oversight, list Case	Number(s); /
Oversight Agency: <u>EPA / RWACB</u>			Helina
Type of monitoring device:		Signa	iture of Responsible Professional
Type of extraction device: Groundwat		(No subs	litution of signature will be accepted)
Monitoring well use: Depth Qual	ity 🗌 Chloride		Goldman
Nested Well: Yes 🕱 No		Dennis	Orint Name
Note: If Nested Well is proposed, a separate pe	rmit is needed for	The state He Civil Foo	ineer OR Registration No. Geologist
each casing.		Registration No. Civil Eng	
Estimated Depth of Completed Well:	Less than 50 ft.	<u> </u>	Over 300 ft. Other:
	pal/Industrial 🔲 Ag	ricultural Monitoring	Cathodic Protection Other:
Purpose of Well: Domestic Munici *Monitoring wells are those constructed for the	ourpose of obtaining rep	petitive water level measuren	On private property On SCVWD property*
Well is to be Constructed: In a public sides	walk ∐ trapdolic⊓ ∐ Yes 🗖	No Within 50 ft. of any	existing well Yes X No
Within 50 ft. of the top of a creek*	E		cesspool or seepage pit 🔲 Yes 🔯 No
Within 50 ft. of sanitary sewer	No	No Other wells exist o	→
Within 100 ft. of a pit privy, septic tank, leachfie	la 🗆 tes 🖼		Active Inactive Abandoned
*See General Condition E, page 2.	IFICATION BY WELL	OWNER/AGENT AND DRIL	LER/AGENT
. We at at the information given above is coff	ect. I certify that the we	II will be constructed in comp	lance with the conditions formalized between the well
1 Cooks Clara Valley Water UISITICI Oldinario	6 20-11 Latte count, m	11 11	to polity this District of any changes in the purpose
owner and property owner, if parties differ. I ur of this well, from that, which is indicated on this	application. NOTE: Al		eslie Tornatore
1 Distee for	vatore 6	19/05	Acting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent		Date	
Wilma STorton		<u>6/6/05 </u>	Wilson Doctor Print Name of Well Owner/Agent
Signature of Well Owner/Agent		Date	- 4
BILL for WestHazmat	b	-6-0 <u>5 </u>	BRYCE BARTELMA
Signature of Well Driller/Agent		Date	Print Name of Driller/Agent

IMPORTANT: A minimum 24-hour notice must be given Call (408) 265-2607 Ext. 2660. For weekend



5 : 307 Ext. 2120.

WELL CONSTRUCTION APPLICATION FC 158 (12-16-02) Santa Clara Valley Water District Page 2 of 2 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600 05 W00 400 DISTRICT WELL PERMIT NO .: _ Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below. COUNTY OF SANTA CLARA DEPARTMENT OF ENVIRONMENTAL HEALTH APPROVAL Domestic Water Supply Wells Only (Note: D. E. H. Approval must be granted before this application will be accepted by S.C.V.W.D.) , R.E.H.S. Approved By: Approved As Submitted: Approved As Corrected: SITE PLAN A SITE PLAN MUST BE ATTACHED TO THIS APPLICATION THE SITE PLAN MUST BE SUBMITTED ON 8 1/2" X 11" PAPER THE SITE PLAN MUST CONTAIN: Location of site features, including major buildings, landscaped areas, tank fields, existing wells, etc. North arrow and scale Location of proposed well with dimensions in feet from well to nearest cross streets **GENERAL CONDITIONS** SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions. B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change). This Permit is only valid for the Assessor's Parcel Number indicated on it. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards. E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589). F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water). If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction. H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells. 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This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request. Special Conditions:

PLEASE ALLOW 10 WORKING DAYS TO PROCESS THIS APPLICATION

Community Projects Review Unit

Approved By

Approval: (if needed)

CPRU Permit No.:

2-2-05

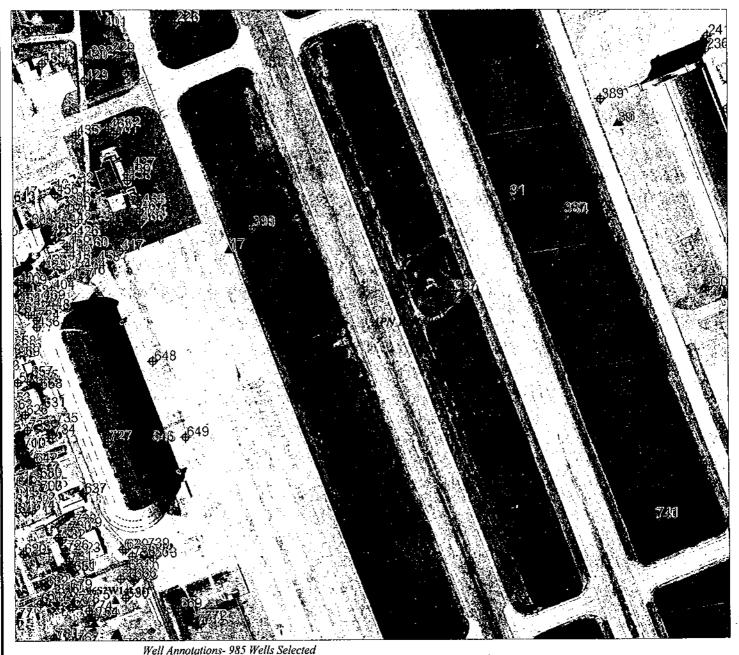
Date:



Santa Clara Valley Water District 5750 ALMADEN EXPRESSMAY SAN JOSE, CA 93118-3688

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

c:\gisprojects\well_info.apr

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No	Weil_nbr	Permit	Consultnum	Status	Easting	Northing
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19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

500 Feet 250

(See attached sheet(s) for additional wells)

Wells	shp
ф	Water Supply - Active
8	Water Supply - Standby
	Water Supply - Inactive
Φ	Extraction (Env) - Active
À	Extraction (Env) - Inactiv
4	Other - Active
Ė	Other - Inactive
*	Abandoned
•	Destroyed
•	Status Undetermined
	Parcels.shp
•	Fuelteak.shp
VAL	FLOOR SHP
-	Zone I
	Zone 2
350	Zone 3
ļ <u></u>	Zone 4
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June 20, 2005

ORIGINAL File with DWR						WELL		STATE O			nia N REPOR'	r [— DWR USE	ONLY		00 N	OT FILL IN
Page 1 of 1			. 1	1				efer to Ins				ר ו'ב	\$T.	ATE WE	LL NO)./STATIC	ON NO.
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PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)									O a best								
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Santa Clara Volley Water District

WELL CONSTRUCTION COMPLETION NOTICE

A STATE OF THE PARTY OF THE PAR

FCE 158A (09-05-02)

	Inspector: Thi aman of		Date of	Date of polycling: OS	•	150	Permit 05W0040/	•
	Well Owner 1 5 Nav	>	1 Sulphy Mandy	Well Registration No.:	1 1	265024	1/5K/CD/	
Ċ	Address of Hell Ske	16.000	Stevens R	14 MeAch	Blud	City of County	10 SC 6	
5	Drilling Company: 12 4	British	Consultant:	1 Tech	AN			ୁଧ
	Cond. Bore: Conductor Depti	Conductor Diameter & Material:	Diameter TE	Dian	Boring 10"	BOC: Z	, 5	
	Casing Diameter PVC Stot	Stot 6/0 Screen Size: 6/0 Interval(s):	41-52					*
	/20	Filter Pack interval(s):	1 3 8 8 8 Z / 18	Bent: /2 - //		Seal Depth.	/2	Z (2)
··	Sealing Material: XNeat Cement Department 10 Sack Sand Slurry 77 Other (See Comments)		Drilling Method: THSA		Mud rotary Air Rotary	Other (See Comments)		
		GW Extraction	☐ Vadose Monitoring	☐ Vadose Extraction ☐ Elevator		Cathodic Other (See Comments)	omments)	
	ng to	ons of Santa Clara Val	provisions of Santa Clara Valley Water District Permit?	X Yes	□ No (See Comments)	nments)		
	Well Location: SS I(N) S:	Stevens	s Rd	126 ME) W	N. Mo	lett	15/10	
	GPS Coordinates - Lat:			Long:	1	1		
	Comments: shugh	29 to	25					
		Vo GP	5,					·*
	Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDNENROD-Permittee	YELLOW-City/County	; PINK-Well File; GOLD	NENROD-Permittee				i erite.

FC 158 (12-16-02) Page 1 of 2

Sonto Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2

5750 Almaden Expressway, San Jose, CA 9511			
		LETED BY DISTRICT	Well Registration No.:
District Permit No.: 05W00401		6-22-05	
Geologic Setting: 0/	Expiration Date:	12-22-05	Driller's Log No.: 02 6449
	TO BE COMPLETED	BY OWNER AND DRILLER	Wall Class
Well Owner: W.S. NAVY	Property Owner: W		Name of Business at Well Site Former NAS Moffett Field
Well Owner's Mailing Address:	Property Owner's Ma	illing Address: <u>PE+ AltN: CESPK-RE-M</u>	Address of Well Site: Union Park Housing Area
City, State, Zip San Diego, CA 92132	City, State, Zip SACTAMEN	to, CA 95814	City, State, Zip Moffett Field, CA 94035 Telephone No.:
Rick Weissenburn 619-532-0952	Telephone No. & Co	916-557-6787	Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.: MCH	- 5UA		Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fr	V. Inc.		st Hazmat
Address: 1230 Columbia Street			ist Katella Avenue
	72101	City, State, Zip An	aheim, CA 92805
Telephone No.: 619-471-3525	5	Telephone No.: 714-9	39-6850 C-57 License No. 39-6850
Check if address or phone number has chang		☐ Check if address or ph	
THIS SECTION TO BE COM	PLETED FOR ALL M S Moffelt Fi	ONITORING WELLS OR EX	TRACTION/RECOVERY WELLS
Oversight Agency: EPA RW & CB	If under S	C.V.W.D oversight, list Case	Number(s):
Type of monitoring device:	er 🗌 Vadose	Dunes	Holdman
Type of extraction device: Groundwate		Signa (No subs	sture of Responsible Professional titution of signature will be accepted)
Monitoring well use: Depth 📓 Quali	ty Chtoride	0	Card and
Nested Well: Yes X No		Dennis	Goldman A 4509
Note: If Nested Well is proposed, a separate per each casing.	mit is needed for	Registration No. Civil Eng	
Estimated Depth of Completed Well:	Less than 50 ft.	☐ 50 to 300 ft. ☐	Over 300 ft. Other:
Purpose of Well: Domestic Municip	pai/Industrial ∐ Ag	ricultural Monitoring	☐ Cathodic Protection ☐ Other:
Purpose of Well: Domestic Municipal Municipal Purpose of Well: Domestic Municipal Purpose of Wells are those constructed for the participal Purpose of Well: Domestic Domestic Municipal Purpose of Well: Domestic Domestic D	urpose of obtaining re	ood	On private property On SCVWD property*
	/aik ∐ Yes 🛣	No Within 50 ft. of any	existing well Yes 🔀 No
Within 50 ft. of the top of a creek*		150 % -6 -	cesspool or seepage pit 🔲 Yes 🔀 No
Within 50 ft. of sanitary sewer			•-/··
Within 100 ft. of a pit privy, septic tank, leachfield	d ⊡`Yes 🔀		Active Inactive Abandoned
*See General Condition E, page 2.	ISICATION BY WELL	THE PARTY OF THE P	LEDIACENT
Leading that the information given above is corre	ect. I certify that the we e 90-1. I also certify th	at a right of entry/encroachm	ent agreement has been formalized between the weller, to notify this District of any changes in the purpose be present before permit will be processed. I estie Tornatore
Deslee Jorn	atore 6	19/05 _	Acting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent	r	/6/0S	Wilson Poctor
Signature of Well Owner/Agent		Date	Print Name of Well Owner/Agent
BOLL for West HAZM	at	V V X	RRYCE BARTELMA Of briller/Agent
		Date	
	hour notice must be gi	ven to SCA IID I/88sheck	an Just ruler to initially in the annular seal.

JUN 1 3 2005

S.C.V.W.D.

Santa Clara Valley Water District

WELL CONSTRUCTION APPLICATION

FC 158 (12-16-02) Page 2 of 2

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

0750 Allinadell' Expressivaly, dan 0056, 0X 55110 (406) 255-260

DISTRICT WELL PERMIT NO .: 05 W 00 401

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (driff) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

application by Permitee and is also	subject to the "General and "Special Conditions stated below.	
COUNTY OF SANTA CLARA DEF	ARTMENT OF ENVIRONMENTAL HEALTH APPROVAL	
Domestic Water Supply Wells Or	ly (Note: D. E. H. Approval must be granted before this application	n will be accepted by S.C.V.W.D.)
Date:	Approved By:	, R.E.H.S.
Approved As Submitted:	Approved As Corrected:	
SITE PLAN		
A SITE PLAN MUST BE ATTA	CHED TO THIS APPLICATION	
THE SITE PLAN MUST BE SU	BMITTED ON 8 1/2" X 11" PAPER	
THE SITE PLAN MUST CONT	AIN:	
 Location of site features, in 	ncluding major buildings, landscaped areas, tank fields, existing we	ils, etc.
North arrow and scale		
 Location of proposed well. 	with dimensions in feet from well to dearest cross streets	

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- I. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- granted by an authorized District representative.

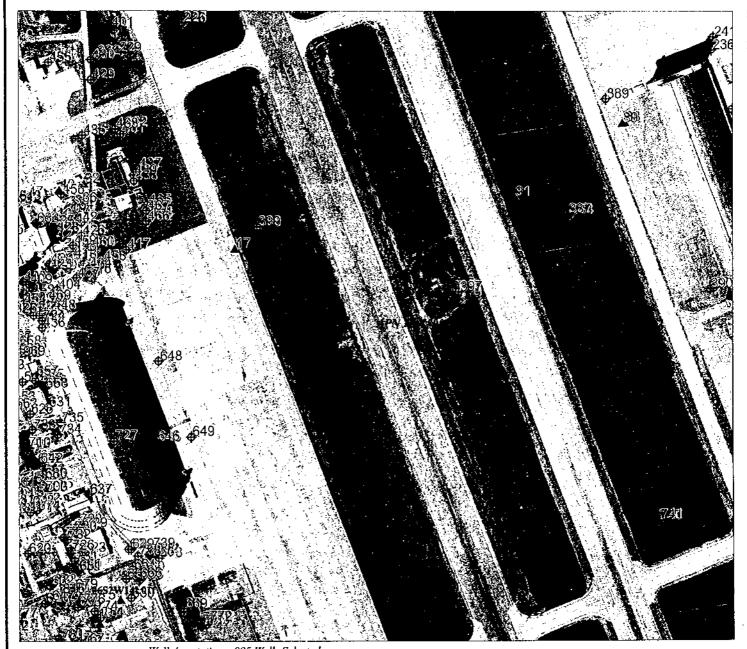
 O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
1000 00 11	
Community Projects Review Unit Approval: (if needed)	CPRU Permit No.:
Approved By:	Date: 6-22-05

Sanka Clara Valley Waker District 5750 ALMADEN EXPRESSWAY SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

Well	Annotations	- 985 Wells	Selected			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WU4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

Annoroximate Scale

c:\gisprojects\well_info.apr

50 0 250 500 Feet

(See attached sheet(s) for additional wells)

Wells.shp
→ Water Supply - Active
Water Supply - Standby
Water Supply - Inactive
Extraction (Env) - Active
Extraction (Env) - Inactiv
◆ Other - Active
Other - Inactive
* Abandoned
→ Destroyed
▲ Status Undetermined
Parcels.shp
▲ Fuelleak.shp
VALFLOOR.SHP
Zone I
Zone 2
Zone 4
Zone 5
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WELL CONSTRUCTION COMPLETION NOTICE FCE 158A (07-12-04)

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	Well Owner: US Muy Owner Well No. Well No. 7 3 11/5 FM
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	iny: West Han mat Consultant: Jetus Tech
	Conducto Depth:
,	90 Siot 010 Screen 5: 51 - 41
	Sinter Pack Interval(s):
•	Neat Cement 10 Sack Sand Sturry Drilling Method: KHSA Mud rotary C Bentonite Slurry Other (See Comments)
	Well Type; KGW Monitoring GW Extraction Cadose Monitoring Cad
	☐ Domestic ☐ Agricultural ☐ Municipal/Industrial ☐ Elevator
	Well constructed according to provisions of Santa Clara Valley Water District Permit? XYes 🛘 No (See Comments)
	Well Location: 1,23 Str S: US 101 100 11. E 1/W) 5 tourns Road
	1 -
	Comments:
	Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

FC 158 (12-16-02)

Santa Clara Valley Water District (

Page 1 of 2 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600 TO BE COMPLETED BY DISTRICT Well Registration No.: Date Issued: District Permit No.: 056000402 Driller's Log No.: **Expiration Date:** 026450 Geologic Setting: TO BE COMPLETED BY OWNER AND DRILLER Name of Business at Well Site Property Owner: Former NAS Molfett Id.S. Nav Address of Well Site: Property Owner's Mailing Address: Street AAN CESPK-RE-M orion Park City, State, Zip sacramento. Telephone No.: Telephone No. & Contact Na Rick Weissenborn Assessor's Parcel Number of Well Site: Owner's/Consultant's Well No.: Book: 116 Page: 18 Parcel: 008 Drilling Company: Consultant (Company): Address: 101h City, State, Zip Telephone No.: Telephone No.: Check if address or phone number has changed Check if address or phone number has changed THIS SECTION TO BE COMPLETED FOR ALL MONITORING WELLS OR EXTRACTION/RECOVERY WELLS Former NAS Moffett Field CASE NAME: If under S.C.V.W.D oversight, list Case Number(s): EPA IRWACB Oversight Agency □ Vadose Type of monitoring device: □ Vadose (No substitution of signature will be accepted) Type of extraction device: ☐ Groundwater □ Depth **⊠** Quality Chloride Monitoring well use: ĺ**Σ** Νο Nested Well: ☐ Yes Note: If Nested Well is proposed, a separate permit is needed for Registration No. Geologist each casing. Registration No. Civil Engineer Other: Over 300 ft. ☐ 50 to 300 ft. ★ Less than 50 ft. Estimated Depth of Completed Well: ☐ Domestic ☐ Municipal/Industrial ☐ Agricultural *Monitoring wells are those constructed for the purpose of obtaining repetitive water level measurements and/or repetitive air samples for analysis. Well is to be Constructed: ☐ In a public sidewalk ☐ In a public road ☐ On public property ☐ On private property ☐ On SCVWD property* **∑**d No Within 50 ft. of any existing well M No ☐ Yes Within 50 ft. of the top of a creek* X No ☐ Yes Within 150 ft. of a cesspool or seepage pit **∑** No ☐ Yes Within 50 ft. of sanitary sewer □ No Other wells exist on this property? **⋈** No Within 100 ft. of a pit privy, septic tank, leachfield ☐ Abandoned X Active *See General Condition E, page 2. CERTIFICATION BY WELL OWNER/AGENT AND DRILLER/AGENT I certify that the information given above is correct. I certify that the well will be constructed in compliance with the conditions of this permit (See Page 2). and Santa Clara Valley Water District Ordinance 90-1. I also certify that a right of entry/encroachment agreement has been formalized between the well owner and property owner, if parties differ. I understand that it is my responsibility as the well owner, to notify this District of any changes in the purpose of this well, from that, which is indicated on this application. NOTE: All applicable signatures must be present before permit will be processed.

Leslie Tornatore Acting Chief, Real Estate Division Print Name of Property Owner/Agent Wilson Voctor

Print Name of Well Owner/Agent BRYCE BARTELMA for West Hazmont Print Name of Driller/Agent

> IMPORTANT: A minimum 24-hour notice must b NT: A minimum 24-hour notice must b g., \ \tau SC Av.L Call (408) 265-2607 Ext. 2660. For w ske Js not lans

Signature of Well Driller/Agent

t SC AVE Wel his; exten Capt

rior to installing the annular seal.

JUN 1 3 2005

Santa Gara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

PIGENIOT WELL BEDWIT NO	05W00402
DISTRICT WELL PERMIT NO.:	0-500 00 100

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

application by Permitee and is also subject to the "General" and "Special" Conditions stated below.				
COUNTY OF SANTA CLARA DEPARTMENT OF ENVIRONMENTAL HEALTH APPROVAL Domestic Water Supply Wells Only (Note: D. E. H. Approval must be granted before this application will be accepted by S.C.V.W.D.)				
Date:	Approved By:	, R.E.H.S.		
Approved As Submitted: Approved As Corrected:				
SITE PLAN				
A SITE PLAN MUST BE ATTACHED				
THE SITE PLAN MUST BE SUBMIT	TED ON 8 ½" X 11" PAPER	j		
THE SITE PLAN MUST CONTAIN:				
 Location of site features, including 	ng major buildings, landscaped areas, tank fields, existin	g wells, etc.		
North arrow and scale				
 Location of proposed well with d 	imensions in feet from well to nearest cross streets			

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it,
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold
 the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or
 resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful
 death
- Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- E. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
<u> </u>	
1,000	CDD() Pormit No
Community Projects Review Unit Approval: (if needed)	CPRU Permit No.:
Approved By:	Date: 6-22-05

PLEASE ALLOW 19 WORKING DAYS TO PROCESS THIS APPLICATION



Sanka Clara Valley Water District STSO ALMADEN EXPRESSWAY
SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

7 611 7	17171011110713	- you wells	Detector			····
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN	ERM-3	Undetermined	5111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Oata	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undelermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WÙ4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

500 Feet

250

(See attached sheet(s) for additional wells)

Wells.shp

Water Supply - Active

Water Supply - Standby

Water Supply - Inactive

Extraction (Env) - Inactive

Cher - Active

Other - Active

Other - Inactive

Abandoned

Destroyed

Sunus Undetermined

Parcels.shp

Fuelleak.shp

VALFLOOR.SHP

Zone 1

Zone 2

c:\gisprojects\well_info.apr

June 20, 2005

ORIGINAL File with DWR				******* * *	STATE OF			DWA US	E ONLY —	DO NOT FILL IN
Page _ of _ i					COMPI Cefer to Ins		ON REPORT		TATE WELL NO	JSTATION NO.
Owner's Well No.	- MC	H-	71	UA	No.	e026	443			
Date Work Began		05	_ , E	Inded	14-05			LATITUDE		CONGITUDE
Local Permit Age	mey	پيک							APN/TR\$/	OTHER
Permit No				Pennit I	Date	6	-77-05			<u> </u>
		OLOG					Name U.S. De	WELL (MNER —	
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DEPTH FROM SURFACE	METHOD	11711		SCRIPTION	71D 10 T.c.		ζαν Λ:0	90		CA 43133 L
Ft. to Ft.	Desc	ribe m	ateri	al, grain size.	color, etc.		CITY	rig.	CATION —	STATE ZIP
	A10 [0	/ A)		Profitable			Address Former	- NAS MEFTE	+ Field -	Onon Park
ļ <u></u>	NO LO	<u>는 이</u> 요 되		<u>BORING</u> MCH-	ΔΙΆ	FOR	City <u>Moffett</u> County <u>Sant</u>	a Clara		
	LOCAL				0,411	VIX	APN Book 116.	Page 18	Parcel 00	28
				. •.v.·	•		Township & S	Range 3W	Section	10
	-						Latitude	NORTH	Longitude	west ;
							DEG. MIN	i. SEC. TION SKETCH		DEG MIN SEC. ACTIVITY (\(\perp\))
+ +								- NORTH		NEW WELL
· · · · · · · · · · · · · · · · · · ·										MODIFICATION/REPAIR Despen
	· · ·							/c/e	//	Other (Specify)
1							(304/ BUS	cirela		DESTROY (Describe
							314		•	Procedures and Matenals Under "GEOLOGIC LOG")
<u> </u>							50			PLANNED USES (∠)
 							M & M	icH-7uA	814	WATER SUPPLY Domestic Public
<u> </u>							WEST		(S19 g	Irrigation Industria-
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1 1					•		'`			CATHODIC PROTECTION
	·						nii Olə		,laidaconyg	
							Bldg. 817			DIRECT PUSH
<u> </u>								J.		VAPOR EXTRACTION
 							ظـــــ			SPARGING REMEDIATION
 							Illustrate or Describe Di Fences Rivers, etc. and necessary PLEASE BE	istance of Well from Rea attach a map. Use addit	ds, Buildings. loan paper if	OTHER (SPECIFY)
							WATER DEPTH TO FIRST WA	LEVEL & YIELD		
<u> </u>									ELOW SURFAC	
							DEPTH OF STATIC ()	(, , , , , , , ,	E MEASURED _	8-3-05
}		<u> </u>					ESTIMATED YIELD	NIA (GPM) &	TEST TYPE	NIA
TOTAL DEPTH OF C			_(Fee ,} (TEST LENGTH NA			(FL)
TOTAL DEFIN OF	COMPLETED	WELL		(Peet;			May not be represe	entative of a well's lo	ng-term yicia.	
DEPTH	BORE-			С	ASING (S)			DEPTH	ANN	ULAR MATERIAL
FROM SURFACE		YPE (스		MATERIAL /	INTERNAL	GAUGI	SLOT SIZE	FROM SURFACE	CE- BEN-	TYPE
FI. to Ft.	(Inches)	SCREEN CON: DUCTOR	1	GRADE	DIAMETER (Inches)	OR WAI	LL FANY	Ft. to Ft.	MENT TONIT	E FILL FILTER PACK (TYPE-SIZE)
6:10	10 2	<u> </u>	ᄄ	PVC	4	SCH H		0 6	(±)(±)	Portland
10 20	10	<u> </u>	+	PVC	4	SCH Y		6 : 8	V	Pellets
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ŀ	IMENTS (∠)			I, the unde	ersioned, ce	rtify that t	CERTIFICAT his report is complete	ION STATEMENT and accurate to the		nowledge and belief.
— Geologic V well Con	Log istruction Diagrar			11 .	Tetra	T- ~ -	h EC. INC	*		-
	istruction Diagrai ical Log(s)	11			DN. FIRM, OR C	GRPORATION)	(TYPED OR PRINTED)	<u></u>	N. i.e.	0.4 (0.1.0.1
1	er Chemical Anal	lyses			Colun	abia	Street, Suite		uicgo,	CA 40/01
Other				ADORESS	QBI),	۵.	Work Haza	in +	8.29 0	STATE QIUEUS
ATTACH ADDITIONAL I	NFORMATION, II	F IT EXI	STS.	Signed	THURST BY AUTHO	RIZED REPRE	VVT ST 114 T14	<u> </u>	TE SIGNED	5 8 9 3 10 C-57 LICENSE NUMBER
DWR 158 REV. 11-97		IF AD	DITIO				KT CONSECUTIVELY I	NUMBERED FORM		

Santa Clara Valley Water District

WELL CONSTRUCTION COMPLETION NOTICE FCE 158A (07-12-04)

Inspecial The smann	Date of Ins	shed NO/Tiles	Date of Inspectation Permit ONE OOSO
Well Owner:	となるというないと	Well Registration No.:	11095/MC059C
of Well Site: Orion Rack How.	busins, Mottett		City or SC County:
Company: West Hazman	Consultant	Tech Fu	
Conductor Depth:	Conductor Diameter TD:	2 / Boring	Boc: YO
Casing Diamety 20 Slot 010 Screen & Material:	en 20-10	æ	
7	1 - 8 Bent:	8-6	Seal Depth:
Sealing Material: Mosat Cement 10 S	_	Drilling Method: MHSA	☐ Mud rotary ☐ Other (See
☐ Bentonite Sturry ☐ Othe	nite Sturry Other (See Comments)	Direct Push Dair Rotary	Air Rotary
Well Type: KGW Monitoring GW Extra	☐ GW Extraction ☐ Vadose Monitoring	☐ Vadose Extraction	□ Cathodic
Domestic Agricultural	al Municipal/Industrial	☐ Elevator	☐ Other (See Comments)
Well constructed according to provisions of Santa Clara Valley Water District Permit? X Yes	anta Clara Valley Water Disti		☐ No (See Comments)
Well Location: 28 res Staven	~s Rd 10	170 n.e /(w)	ollett RIVA
GPS Coordinates - Lat: 37 24	44.672 N Long:	19: 122 OH	11 03. 5/5
Comments:			

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

Santa Clara Valley Water District 5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	e e e e e e e e e e e e e e e e e e e
District Permit No.: 05W 00 396	Data Januardi .	-22-05	Well Registration No.:
Geologic Setting: 0/	Expiration Date:	22 -05	Driller's Log No.: 0 26 443
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. Navy	Property Owner: W		Name of Business at Well Site: Former NAS Muffett Field
Well Owner's Mailing Address:	Property Owner's Ma	iling Address: DE+ AHN: CESPK-RE-M	Address of Well Site: Orion Park Housing Area
City, State, Zip San Diego, CA 92132			City, State, Zip Moffett Field, CA 94035
Telephone No. & Contact Name: Rick Weissenborn 619-532-0952	Telephone No. & Co		Telephone No.:
Owner's/Consultant's Well No.: MCH -	7UA		Assessor's Parcel Number of Well Site: Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fh		Drilling Company: W.89	St HazMat
Address: 1230 Columbia Street	•	····	st Katella Avenue
	12101		aheim, CA 92805
Telephone No.: 619-471-3525		Talaahana Ma	9-6850 C-57 License No.: 819548
☐ Check if address or phone number has change	ed	Check if address or pho	
THIS SECTION TO BE COME	PLETED FOR ALL MOS	ONITORING WELLS OR EXT	RACTION/RECOVERY WELLS
204101602		C.V.W.D oversight, list Case I	Number(s):
		Vannes	Holderen
Type of monitoring device:		Signat	ure of Responsible Professional itution of signature will be accepted)
Monitoring well use: Depth Qualit		(NO SUDSIII	A
Nested Well: Yes X No		Dennis	Print Name
Note: If Nested Well is proposed, a separate peri each casing.	nit is needed for		# 4509
each casing.		Registration No. Civil Engir	neer OR Registration to desired.
Estimated Depth of Completed Well:	Less than 50 ft.		Over 300 ft.
- Commission II Municipal	al/leo/ustrial 🗀 Aor	icultural 🔼 Monitoring	Cathodic Protection Other:
1	rpose of obtaining rep	etitive water level measureme	ents and/or repelitive air samples for analysis.
Well is to be Constructed: In a public sidewa	ak ⊟ In a oublic ro	ad 📋 On public property	Of Out burges bioberty
Within 50 ft. of the top of a creek*		No Within 50 ft. of any 6	existing well Yes X No
Within 50 ft. of sanitary sewer	∑⊠ Yes □		coopus, o. over-ge p.
Within 100 ft. of a pit privy, septic tank, leachfield	☐ Yes 🔼		— — — — — — — — — — — — — — — — — — —
*See General Condition E, page 2.		NUMBER A CENT AND DOLL	EDIAGENT
		OWNER/AGENT AND DRILL will be constructed in complia	
and Santa Clara Valley Water District Ordinance	90-1. Talso certify the	anacibility as the well owner	to notify this District of any changes in the purpose
owner and property owner, if parties differ. I und of this well, from that, which is indipated on this a	pplication. NOTE: All		e present before permit will be processed. eslie Tornatore
Toslie Somets	,		cting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent		Tale.	Wilson Douter
Wildow Jollon Signature of Well Owner/Agent	<u> </u>	5/6/05	Print Name of Well Owner/Agent
BOLL for Marthorn	.} b	-6-05	BRYLE BARTELMA
Signature of Well Driller/Agent		Date	Print Name of Driller/Agent

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

DISTRICT WELL PERMIT NO.:	05000396
DISTRICT WELL PERMIT NO.	UNWVV PIE

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Approved As Submitted: Ap	proved As Corrected:	
North arrow and scale	ITTED ON 8 1/3" X 11" PAPER	g wells, etc.

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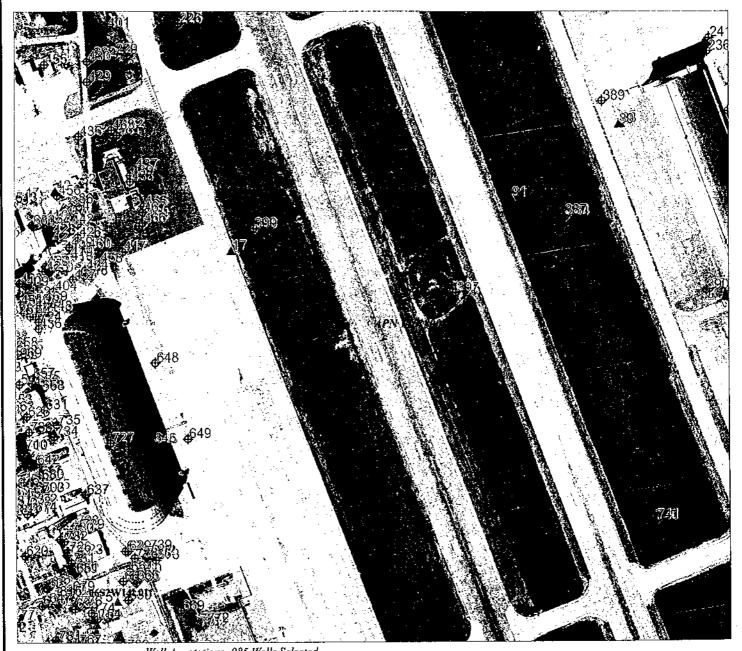
Special Conditions:	
Community Projects Review Unit Approval; (if needed)	CPRU Permit No.:
Approved By:	Date: 6-22-05

Orion Park Housing Area I GO September 1 630 Ja a s Highway 101 a 🗆 🖸 offett Blvd 0 9 H Stevens Road Section 1 ON BEACH Vernon Circle 766 La Avenida St Stevens Creek 883(

Sanka Clara Valley Water District 5750 ALMADEN EXPRESSWAY
SAN JOSE, CA 95118-3886

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

Approximate Scale

<u>Yell 2</u>	<i>Annotations</i>	<u>- 985 Wells</u>	Selected			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
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14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
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16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WÙ4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

(See attached sheet(s) for additional wells)

Fuelleak.shp
VALFLOOR.SHP
Zone I
Zone 2
Zone 3
Zone 4

₩ater Supply - Active
 Water Supply - Standby
 Water Supply - Inactive
 Extraction (Env) - Active

Other - Active
Other - Inactive

▲ Status Undetermined

Parcels.shp

ORIGINAL File with DWR					W	ÆLL			e califo L ETI		RNIA N REPOR	т	DWR USE	ONLY		DO NO	OT FILL IN
Page of	. ,	14 /	٠.,	1	<u> </u>	Α	Refer	to Ins	druction .	Pan	mphlet		STA	ATE WE	L NO	/STATIO	N NO.
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Permit No					LO0		Date_		<u> </u>	_9		<u>-</u>	well o	WNER			
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ATTACH ADDITIONAL	INFORMATIO	ON, IF	IT E	EXISTS	<u>.</u>	Signed WEL	() () V L BRILLER		DE MEPRES	SÉNI		1	DAT	U O E SIGNEO	· U.J	<u> </u>	-57 LICENSE NUMBER

WELL CONSTRUCTION COMPLETION NOTICE FCE 158A (07-12-04)

Conditant: Conditant: Conductor Diameter Co	Inspector: This man	5	Da	Date_of/nspection:		Permit: 05/1/20 292
Confditant: Conductor Diameter TD: Boring	11.5	Maur	Owner well	1	. oN coi	5103211115K012
Conductor Conductor Diameter TD: Boring Boring	Address Or or C	JK / 160	6/20	HOL	110#	ソンチ
Conductor Conductor Diameter TD:	West 1	+	Confestant:	1	-5	
Size O Screen Screen Screen Size O Interval(s) Size O Interval(s) Size O Interval(s) Size O Interval(s) Size O Sturry Drilling Method: IXHSA Bentonite Slurry Other (See Comments) Drilling Method: IXHSA Discrete Push IXHSA Discrete Size O IXHSA Discrete Size O IXHSA Discrete Size O IXHSA	Conduct Depth:	1.75	r Diameter I:	6/4 :QI	Boring Diameter	101
Filler Pack Interval(s): Claim Method: IXHSA Claim Bentonite Slurry Claim (See Comments) Clay Monitoring Clay Extraction Clay Water District Permit? Five Interestic Clay provisions of Santa Clara Valley Water District Permit? Five Interes - Let:	2/d".E		35-	54		
erial: ▼Neat Cement □ 10 Sack. Sand-Sturny □ Drilling Method: IXHSA □ Bentonite Sturry □ Other (See Comments) □ Direct Push □ Drect Push □ Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect Push □ Drect I Drect I Drect Push □ Drect I Drect Push □ Drect		٠	1 1	Bent: 33	14	Seal Depth: 2 %
□ Bentonite Sturry □ Other (See Comments)		ent 010 Sack S	<u> </u>	Filling Method:	KHSA	☐ Mud rotary ☐ Other (See
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ted according to provisions of Santa Clara Valley Water District Permit? KYes In also according to provisions of Santa Clara Valley Water District Permit? KYes In also 1.2	GW Monito	GW Extraction	☐ Vadose Mon!	foring Tado	ose Extract	<u>. </u>
1866 according to provisions of Santa Clara Valley Water District Permit? 大学的 28 ft.E /	され、からないところできる人を表現していません。				t	(Supuluon see) Jamo m
218 (10) St. Sturms Rd 1058 H.E. 100 Molt stes-Lett 37 24 44.893 N Long: 122 04 05 Sunt 49-47	well constructed according to	provisions of Santa	Clara Valley Wa	er District Permit	₹ Yes	U No (See Comments)
Sunt 49-47 44.893 N Long: 122 04 05	86 6	S Steven	s Rd	1050 ALE	Ó.	Moffett 13/vd
Sun 49-47	GPS Coordinates - Lat:	24 44.	893 N	Long: 122		00
	Comments: Bun 49	44-				

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	
District Permit No.: の5Wの039分	Date Issued:	0-22-05	Well Registration No.:
Geologic Setting: 0/	Expiration Date:	2-22-05	Driller's Log No.: 07-6439
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. Navy	Property Owner: N	s. Army	Name of Business at Well Site Former NAS Moffett Field
Well Owner's Mailing Address:	Property Owner's Ma	ailing Address: BET AHN: CESPK-RE-M	Union Park Housing Area
City, State, 21 San Diego, CA 92132	City, State, Zip	to, CA 95814	City, State, Zip Moffett Field, CA 94035 Telephone No.:
Telephone No. & Contact Name: 619-532-0952	Telephone No. & Co Mike Bain	916-557-6787	Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.: MCH -			Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Ff	V, Inc.		St HazMat
Address: 1230 Columbia Street	, Suite 500		st Katella Avenue
	92101	City, State, Zip	aheim, CA 92805
Telephone No.: 619-471-3525		1 - <u>1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -</u>	9-6850 C-57 License No.: 819548
Check if address or phone number has chang		Check if address or pho	
THIS SECTION TO BE COM	PLETED FOR ALL MO 5 MOFFEH FIE	ONITORING WELLS OR EXT	RACTION/RECOVERY WELLS
Oversight Agency: EFA I FW & CB		C.V.W.D oversight, list Case I	Number(s):
Type of monitoring device: 🔀 Groundwate	r 🔲 Vadose	Vennes	ure of Responsible Professional
Type of extraction device: Groundwate		Signati (No substi	tution of signature will be accepted)
Monitoring well use: ☐ Depth 💢 Qualit Nested Well: ☐ Yes 🕱 No	ty 🗍 Chloride	Dennis	6 Coldman
Nested Well: Yes A No Note: If Nested Well is proposed, a separate per	mit is needed for	Jemin.	Print Name # 4509
each casing.		Registration No. Civil Engir	neer OR Registration No. Geologist
Estimated Depth of Completed Well:	Less than 50 ft.	☐ 50 to 300 ft. ☐	Over 300 ft. Other:
Purpose of Well: Domestic Municip *Monitoring wells are those constructed for the pu	al/Industrial Agri	icultural Monitoring	Cathodic Protection Cher:
Well is to be Constructed: In a public sidew.	alk 🔲 In a public ro	ad 🔲 On public property	Ou busate bloberty Cl Ou 20 AMD bloberty
Within 50 ft. of the top of a creek*	🗆 Yes 💢	No Within 50 ft. of any e	existing well Yes 🛂 No
Within 50 ft. of sanitary sewer	Yes ☐ ☐ Yes 🔼		555p3di 5: 555p=g2 p.:.
Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2.		Status:	Active
CERTI I certify that the information given above is correct	ct. I certify that the well 90-1. I also certify that they that it is my re-	it a right of entrylend dactifier sponsibility as the well owner, applicable signatures must be	ance with the conditions of this permit (See Fage 2), at agreement has been formalized between the well to notify this District of any changes in the purpose
Signature of Property Owner/Agent		9/05 _ A	cting Chief, Real Estate Division Print Name of Property Owner/Agent
Wilson Docton	6/6		Wilson Do Ctov Print Name of Well Owner/Agent
RGVL for Uest-Hazm	at b	-6-05	BRYLF BARTELMA
Signature of Well Driller/Agent		Date	P. pt. vic to estal to 1 e u n _ s 1
IMPORTANT: A minimum 24-h	our notice must be give	nde holidays or after hours .	at 4t 2.7 2.7 2.00 L 2 12t

JUN 1,3 2005

SCVWD

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

DISTRICT WELL PERMIT NO.: 05000 392

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

	TIMENT OF ENVIRONMENTAL HEALTH APPROVAL (Note: D. E. H. Approval must be granted before this application will be	accepted by S.C.V.W.D.)
Date:	Approved By:	, R.E.H.S.
Approved As Submitted:	pproved As Corrected:	
SITE PLAN		
A SITE PLAN MUST BE ATTACH	ED TO THIS APPLICATION	
THE SITE PLAN MUST BE SUBI	IITTED ON 8 ½" X 11" PAPER	
THE SITE PLAN MUST CONTAI	√:	
 Location of site features, incl 	iding major buildings, landscaped areas, tank fields, existing wells, etc.	
North arrow and scale		-
 Location of proposed well with 	h dimensions in feet from well to nearest cross streets	

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- I. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.

O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
VV	
191 000 1	
Community Projects Review Unit Approval: (if heeded)	CPRU Permit No.:
Approved By:	Date: 6-22-05

Santa Clara Valley Water District 5750 ALMADEN EXPRESSWAY
SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

<u>vell 1</u>	<u> Innotations</u>	- 985 Wells	Selectea			
Νo	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Dala	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WÙ4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

(See attached sheet(s) for additional wells)

Approximate Scale

250 500 Feet

Water Supply - Standby
Water Supply - Inactive
Extraction (Env) - Active
Extraction (Env) - Inactive
Other - Active
Other - Active
Abandoned
Destroyed
Status Undetermined
Fuelleak shp
VALFLOOR_SHP
Zone 1

Zone 2
Zone 3
Zone 4

June 20, 2005

ORIGINAL File with DWR	WELT	STATE OF GAUG L COMPLETI		DWR USE ONLY -	DO NOT FILL IN
Page of		Refer to Instruction		STATE WELL NO.	STATION NO.
Owner's Well No.	MCH- GUA	No. e02	3440		
Date Work Began.	· ·	7-20-05		LATITUDE	LONGITUDE
Local Permit Age			-22-05	APN/TRS/(THER .
Permit No		nit Date	-02-03	WELL OWNER -	
ORIENTATION (∠)	VERTICAL HORIZONTAL	ANGLE (SPECIFY)	Name U.S. De		
OAIENTATION (±)	DRILLING HSA	FLUID NA	Mailing Address (220 Pacific HighW	αγ
DEPTH FROM SURFACE	DESCRIPTIO	ON CONTRACTOR OF THE PROPERTY	San Diego		<u> </u>
Ft. to Ft.	Describe material, grain	size, color, etc.		WELL LOCATION	STATE ZIP
	***	•		NAS Moffett Field-	Onon Park
	SEE ATTACHED BORING	- LCG	City Moffett	a clara	
} -	DER HILLGEN BOKING		APN Book 116	2.63	08
				Range $\frac{\partial \omega}{\partial \omega}$ Section	10
1			Latitude	i. NORTH Longitude	WEST
1			DEG. M:N.	SEC.	DEG MIN. SEC. ACTIVITY (\(\perp\)
ļ <u> </u>				HTRON	V NEW WELL
	; ;		4 // 1	<u>γ</u> ,	MODIFICATION/REPAIR Deepen
1			-	γ.	Other (Specify)
			1 // -	& Bidg.	DESTROY (Describe
<u> </u>			\\	V, 720	Procedures and Materials Under "GEOLOGIC LOG")
Ī	I] \\	X	PLANNED USES (∠)
			-		WATER SUPPLY Domestic Public
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<u> </u>			west	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MONITORING
<u> </u>			- Ide	11H-944	CATHODIC PROTECTION
 			1 1 1 1 4 m	14.14	HEAT EXCHANGE
<u>-</u>			The \ Steven:	s îreek	DIRECT PUSH
	1] \\ / *		VAPOR EXTRACTION
			1 17 1	COUTU	SPARGING
<u>'</u>	i 	•	Ubistrate or Describe Disti	SOUTH source of Well from Rends, Buildings, ttach a map, Use additional paper if ACCURATE & COMPLETE.	AEMEDIATION
	<u> </u>		<u> </u>		
				EVEL & YIELD OF COMPL	
	1			ER	
	1		DEPTH OF STATIC LI	. 49 _ (Ft.) & DATE MEASURED _	8-2-05
;	1			N A (GPM) & TEST TYPE	NA
TOTAL DEPTH OF				_ (Hrs.) TOTAL DRAWDOWN_N A	(Ft.)
TOTAL DEPTH OF	COMPLETED WELL 36.5 (F	eet)	* May not be represent	ntative of a well's long-term yield.	
DEPTH		CASING (S)		DEPTH ANN	ULAR MATERIAL
FROM SURFACE	HOLE TYPE ()			FROM SURFACE	TYPE
	DIA. UNITED STATE OF	DIAMETER! OR W	ALL FANY	CE- BEN-	FILL FILTER PACK (TYPE/SIZE)
Ft. to Ft.		(inches) THICKI		Ft. to Ft. (∠) (∠)	(∠)
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16 26	10 V PVC	म् डटम	40 0.010	12 14 /	V #2/12 Sand
:				27 29 1	Pellets
 			·	3-1 - 0 - 1	10013-1-
				1	
ATTAC	HMENTS (∠)		CERTIFICATION	ON STATEMENT	nowledge and ballot
∠ Geologi	c Log I, the			and accurate to the best of my k	novieuge and bellet.
	instruction Diagram NAME	IPERSON, FIRM, OR CORPORATION	N) (TYPED OR PRINTED)		
1	sical Log(s)	30 Columbia	Strept, Suit	te 500, San Die	90,CA 92101 1
Soil/Wa	ter Chemical Analyses ADDRESS	DRO r	I had the	- L CITY C CCC -	STATE OLO 5119
1	INFORMATION, IF IT EXISTS. Signed	, bythe for	West Hazm	91 8-29-05	S 19540
DWB 188 BEV, 11-97	. <u></u>	WELL DRILLERVAUTHORIZED REPO CE IS NEEDED, USE N		UMBERED FORM	A.o. Edition Mountain

Santa Clara Valley Water District County

WELL CONSTRUCTION COMPLETION NOTICE

Santa Clara Valley Water District

WELL CONSTRUCTION APPLICATION

FC 158 (12-16-02) Page 1 of 2

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

TO BE COMPLETED BY DISTRICT							
District Permit No.: 056 00 393	Date Issued:	6-22-05	Well Registration No.:				
Geologic Setting:	Expiration Date:	2-22-05	Driller's Log No.: 026440				
	TO BE COMPLETED	BY OWNER AND DRILLER					
Well Owner:	December Occurs and		Name of Business at Well Site;				
Well Owner: U.S. Navy	Property Owner's Ma	S. Army	Name of Business at Well Site: Former NAS Moffett Field Address of Well Site:				
Well Owner's Mailing Address:	1325 J Str	<u>eet Alth: CESPK-RE-M</u>	Address of Well Site: Orton Park Housing Area				
City. State, 219 San Diego, CA 92132	City, State, Zip SACCAMEN	to, CA 95814	City, State, Zip McAfett Field, CA 94035 Telephone No.:				
Rick weissenbum 619-532-0952	Telephone No. & Co Mike Bain	ntact Name: 916-557 - 6787	Assessor's Parcel Number of Well Site:				
Owner's/Consultant's Well No.: MCH	-9UA		Book: 116 Page: 18 Parcel: 008				
Consultant (Company): Tetra Tech Fr	I, Inc.		+ Hazmat				
Address: 1230 Columbia Street	, suite 500		st Katella Avenue				
City, State, Zip San Diego, CA		City, State, Zip AND	heim, CA 92805				
Telephone No.: 619-471-3525	_	Telephone No.: 714-93	9-6850 - 819548				
Check if address or phone number has change		☐ Check if address or pho	ne number has changed				
THIS SECTION TO BE COM	PLETED FOR ALL MO	NITORING WELLS OR EXT	RACTION/RECOVERY WELLS				
CASE NAME:FORMEC NA	s Moffelt Fie	2[d					
Oversight Agency: <u>EPA IRW & CB</u>	If under S.	C.V.W.D oversight, list Case I	Jumber(s):				
Type of monitoring device:		J annus Signatu	ire of Responsible Professional				
Type of extraction device: Groundwate			ution of signature will be accepted)				
Monitoring well use: Depth Quality Chloride							
Nested Well: Yes X No Note: If Nested Well is proposed, a separate permit is needed for Print Name # 4509							
each casing.		Registration No. Civil Engin	eer OR Registration No. Geologist				
	Lana Mara 50 G	50 to 300 ft.	Over 300 ft.				
Estimated Depth of Completed Well:	Less than 50 ft.		Cathodic Protection Other:				
Purpose of Well: Domestic Municipal *Monitoring wells are those constructed for the pu	มหาดินรถใช้เ L.I Agri irnose of obtaining ren	etitive water level measureme	nts and/or repetitive air samples for analysis.				
Monitoring wells are those constructed for the po	ik in a public ro	ad On public property	On private property On SCVWD property				
Within 50 ft. of the top of a creek*	☐ Yes 🔯	No Within 50 ft. of any e.	xisting well 🗋 Yes 🔯 No				
Within 50 ft. of sanitary sewer	☐ Yes ☐		sspool or seepage pit 🔲 Yes 💆 No				
Within 100 ft, of a pit privy, septic tank, feachfield	🗌 Yes 🛚 🔼		- · · · · - · · · · · · · · · · · · · ·				
*See General Condition E. page 2.			Active				
and the second s	ICATION BY WELL O	OWNER/AGENT AND DRILLI	nce with the conditions of this permit (See Page 2).				
I to the state of							
I MILE ARITH AMERICAN LANCED LINES BEAUTIFUL TO THE PERSON OF THE PERSON	OD 1 LAICA CORTINGIA	r a noni di enimencibacamen	Milecule in the poet to manage of the management				
I series to a super it portion differ it under	90-1. I also certify that aretand that it is my re-	r a right or entry/encroachiner shonsibility as the well owner.	to notify this District of any changes in the purpose				
owner and property owner, if parties differ. I under of this well, from that, which is indicated on this a	erstand that it is my report of the policetion. NOTE: All	sponsibility as the well owner, applicable signatures must be	to notify this District of any changes in the purpose present before permit will be processed.				
I series to a super it portion differ it under	erstand that it is my report of the policetion. NOTE: All	sponsibility as the well owner, applicable signatures must be	to notify this District of any changes in the purpose present before permit will be processed.				
owner and property owner, if parties differ. I under of this well, from that, which is indicated on this a	90-1. Talso certify that erstand that it is my repolication. NOTE: All	ranght of entrylencroachiners sponsibility as the well owner, applicable signatures must be Le La La La La La La La La La La La La La	rayeement has been transmission to notify this District of any changes in the purpose present before permit will be processed. stile Tornatore ting Chief, Real Estate Division Print Name of Property Owner/Agent Wilson Do Ctor				
owner and property owner, if parties differ. I under of this well, from that, which is indicated on this a Signature of Property Owner/Agent Signature of Well Owner/Agent	90-1. Talso certify that erstand that it is my repolication. NOTE: All	ranght of entrylencroachiner sponsibility as the well owner, applicable signatures must be Le Date Acondess G O S	present held between the purpose present before permit will be processed. Slie Tornatore ting Chief, Real Estate Division Print Name of Property Owner/Agent				
owner and property owner, if parties differ. I under of this well, from that, which is indicated on this a Signature of Property Owner/Agent Signature of Well Owner/Agent Signature of Well Owner/Agent Wash-Market Wash-Market Company Signature of Well Owner/Agent Wash-Market Company Signature of Well Owner/Agent	90-1. Talso certify that erstand that it is my repolication. NOTE: All	ranght of entrylencroachiner sponsibility as the well owner, applicable signatures must be Le Le Ac Date Ac Date	ring Chief, Real Estate Division Print Name of Property Owner/Agent Wilson Do Gor Print Name of Well Owner/Agent BARTEMA				
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JUN

JUN 1 3 2005

S.C.V.W.D.

Santa Clara Valley Water District

WELL CONSTRUCTION APPLICATION

FC 158 (12-16-02) Page 2 of 2

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

DISTRICT WELL PERMIT NO .:

05000393

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

	PARTMENT OF ENVIRONMENTAL HEALTH APPROVAL Inly (Note: D. E. H. Approval must be granted before this application will be a Approved By:	accepted by S.C.V.W.D.) , R.E.H.S.
Approved As Submitted:	Approved As Corrected:	<u></u>
THE SITE PLAN MUST BE SITHE SITE PLAN MUST CONTOUR 1. Location of site features, it would be some some some some plants are some some some some some some some som	ACHED TO THIS APPLICATION JBMITTED ON 8 ½" X 11" PAPER FAIN: including major buildings, landscaped areas, tank fields, existing wells, etc.	

GENERAL CONDITIONS

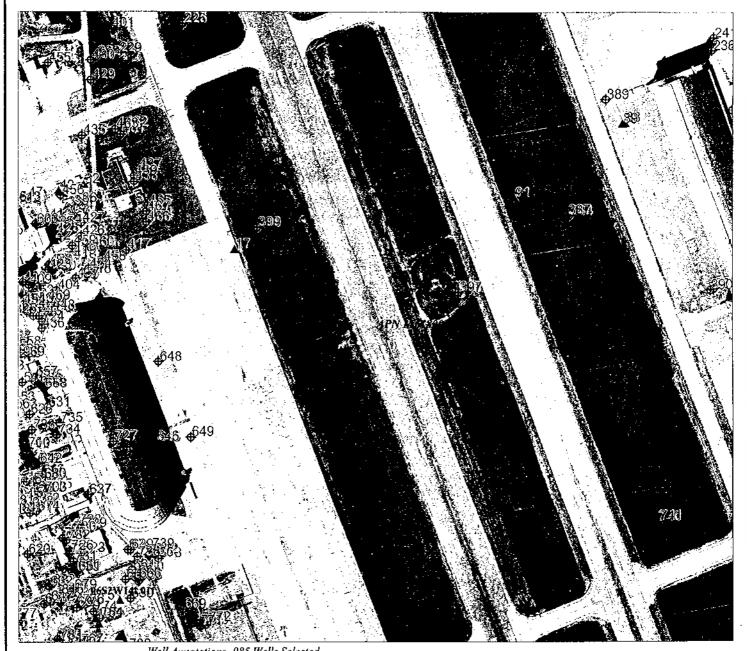
- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- 1. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
Community Projects Review Unit Approval: (If needed)	CPRU Permit No.:
Approved By:	Date: 6-2-2-05

Sanka Clara Valley Water District 5750 ALMADEN EXPRESSWAY
SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

c:\gisprojects\well_info.apr

<u>weii 7</u>	annotations	<u>- 985 Wells</u>	Selectea			
Νo	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Oata	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WU4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

(See attached sheet(s) for additional wells)

Wells.shp

Water Supply - Active

Water Supply - Standby

Water Supply - Inactive

Extraction (Env) - Active

Extraction (Env) - Active

Cother - Active

Abandoned

Destroyed

Status Undetermined

Parcels.shp

Fuelleak.shp

VALFLOOR.SHP

Zone 1

Zone 2

Zone 3

250 0 250 500 Feet

June 20, 2005

ORIGINAL File with DWR			STATE OF		RNIA N REPORT	,	1	DO NOT FILL IN
Page 1 of 1	د م ه ه		efer to Insti		-	STATE	E WELL NO./	STATION NO.
Owner's Well No. MCH - WLA No. e026. Date Work Began 7-21-05 Ended 7-21-05				e0264	CATITUDE LONGITUDE			
Date Work Began		Ended	[-05				1 1	
Local Permit Age Permit No	05000 394	Permit D	Date	6-2	1-05		APN/TRS/O	THER
remit ito:	CEOLOGIC					well ow	NER —	
ORIENTATION (∠)	VERTICAL HOE	RIZONTAL, AN			Name U.S. De	pt. of Nav	y Highl	Va',
DEPTH FROM	METHOD HSA		110 NA		Mailing Address	Pan	1119110	CA 92132
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1	• • • • • • • • • • • • • • • • • • • •				Address Former	NA SELL LOCA	en Fit	id- Unon Fack
		Ann. 1/	16/		City MOFFEH	Field, CA		
!	SEE ATTACHED	BURING	106		County Sant APN Book 116	Page 18 Pa	rcel	8
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1					DEG. MIN	ATION SKETCH -		— ACTIVITY (±) —
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						MCH-10LA	ĺ	Other (Specify)
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<u> </u>	i I '						ļ	Under "GEOLOGIC LOG") PLANNED USES (≤)
	<u> </u>				Stavens		j	WATER SUPPLY
					_ Z	nsebuli Field	. [Domestic Public Irrigation Industria
					型 ·		EAST	MONITORING V
<u> </u>	· ·			.——	S FOR	i	\	CATHODIC PROTECTION
1 .	<u> </u>					<u></u>	<u>/</u>	HEAT EXCHANGE
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	I .							VAPOR EXTRACTION
ļi						— SOUTH —		\$PARGING REMEDIATION
	1		·		lllustrate or Describe D Fences Rivers, etc. and	istance of Well from Boads, attach a maji. Use additiona ACCURATE & COMPLE	Buildings. al paper if	OTHER (SPECIFY)
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	i 1							8-3-05
- !		······	<u> </u>		WATER LEVEL	NA (Ft.) & DATE N NA (GPA) & TE	KEASURED	NIA
TOTAL DEPTH OF	BORING 48.6 F					Hrs.) TOTAL ORAWOO		
TOTAL DEPTH OF	COMPLETED WELL					entarive of a well's long-		
			ASING (S)		1		ANN	ULAR MATERIAL
DEPTH FROM SURFACE	BORE TYPE (=)		.431.40 (3/			DEPTH FROM SURFACE		TYPE
	DIA. SCREEN SCREEN SCREEN PILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER	GAUGE OR WAI	Li IF ANY	,	CE BEN- MENT TONITE	FILL FILTER PACK (TYPE/SIZE)
F(. to Ft.	·		(Inches)	THICKNE			(포) (포)	(∠)
0 35	10	PVC	4	SCH H		31 33	V	Peliets
35 45	10	PVC	4 _	sch 4	0.010	33 47	- 1	1 #3/12 Sand
	 	 	 			47 : 48.6	V	pellets
					CUPTIFICA	TION STATEMENT		<u> </u>
	CHMENTS (∠)	1, the und	ersigned, ce	rtify that I	his report is complete	and accurate to the b	est of my k	nowledge and belief.
Geolog	ic Log onstruction Diagram		Tetra	TP.Ch	EC. Inc.			
	ysical Log(s)	(PER:	LAN COM OF C	CRPORATION	TYPED OR COUNTENT	O EMP COM	Sienn	ra azini
	ater Chemical Analyses	1230	LOTUM	1910 S	TILE, SAIT	e 500, San i	VIEGO,	STATE ZIP
Other .		-	WVX	for	WestHazr	uat s	8-29-0	5 819548
ATTACH ADDITIONAL	INFORMATION, IF IT EXISTS	S. Signed WEU	L BRILLER/AUTHO	RIZEO REPRE	SENTATIVE	DATE	2:CNEO	C-57 LICENSE NUMBER

Santa Clara Valley
Water District

WELL CONSTRUCTION COMPLETION NOTICE FCE 158A (07-12-04)

THE PERSON OF TH

Inspector: The Mann Date of Inspection 12, 104 Permit 05 1,100 394
LS Navy Mamper Well No. 1 Well Registration No.
Stevens "How, Med
Company: Tast America Consultaningthe Tolk
Sond. Conductor Conductor Diameter TD: C Boring BOC:
Filter Pack // Seal Depth: 2 Bent: Seal Depth: 2
Sealing Material: Neat Cement 10 Sack Sand Slurry Drilling Method: SKHSA Mud rotary Other (See
oring GW Extraction C Vadose Monitoring Vad
Well constructed according to provisions of Santa Clara Valley Water District Permit?
Well Location: 3/1 (N) S: Southern Leg 85 (E) W: N trunding
GPS Coordinates - Lat: A CTULAS MEN Long: Staven S ML
Comments 37 14 47, 775 1/2 03 55-157 W
46.5 - 7# Day 10 10 10 10 10 10 10 10 10 10 10 10 10
Distrib Kion: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee
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Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
District Permit No.: - 7: 200 2011	Out towards		Well Registration No.:
05600394	6	1-22-05	Driller's Log No.:
Geologic Setting:	Expiration Date:	2-22-05	D7644/
		BY OWNER AND DRILLER	3
Well Owner: W.S. Navy		s. Army	Name of Business at Well Site Former NAS Muffett Field
Well Owner's Mailing Address: 12.20 Pacific Highway	Property Owner's Ma	ailing Address: ee+ Afry: CESPK-RE-M	Address of Well Site: Orton Park Housing Area
City, State, 219 San Diego, CA 92132	City, State, Zip SACTAMEN	to, CA 95814	City, State, Zip Hett Field, CA 94035
Rick Weissenburn 619-532-0952	Telephone No. & Co Mike Bain	ntact Name: 916-557 - 6787	Telephone No.: Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.:	-10 LA		Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fh	l, inc.		st Hazmat
Address: 1230 Columbia Street	, Suite 500		ist Katella Avenue
	72101		aheim, CA 92805
Telephone No.: 619-471-3525	5	Telephone No.: 714-9	39-6850 C-57 License No.: 819548
Check if address or phone number has change		Check if address or ph	
THIS SECTION TO BE COM	PLETED FOR ALL MOS	ONITORING WELLS OR EX	TRACTION/RECOVERY WELLS
Oversight Agency: EPA IRW QCB		C.V.W.D oversight, list Case	Number(s):
Type of monitoring device:	r 🔲 Vadose	V Denne	Holdman
Type of extraction device: Groundwate		Signa (No subs	ture of Responsible Professional titution of signature will be accepted)
Monitoring well use: Depth Qualit	y Chloride	1	<i>p</i>
Nested Well:		1)ennis	Prifit Name
Note: If Nested Well is proposed, a separate per	mit is needed for		# 4509
each casing.		Registration No. Civil Eng	ineer OR Registration No. Geologist
	Less than 50 ft.	_	Over 300 ft.
Domestic C Municipa	al/Industrial 🔲 Agr	icultural Monitoring	Calhodic Protection Other:
and the state of the organization for the or	rpose of obtaining rep	etitive water level measurement.	tents and/or repetitive air samples for analysis. On private property On SCVWD property On SCVWD property
1		No Within 50 ft. of any	existing well Yes 🗷 No
Within 50 ft. of the top of a creek*		-	cesspool or seepage pit 🔲 Yes 🔯 No
Within 50 ft. of sanitary sewer			5000poor or 200pog- pri
Within 100 ft. of a pit privy, septic tank, leachfield	. □Yes 🔼		Active Inactive Abandoned
*See General Condition E, page 2.	FICATION BY WELL	MAINERIAGENT AND DRIL	ER/AGENT
I certify that the information given above is correct	ct. I certify that the well 90-1. I also certify that	I will be constructed in compl at a right of entry/encroachmons sponsibility as the well owne applicable signatures must t	ent agreement has been formalized between the well or to notify this District of any changes in the purpose
Deslie Jorna	Hore 6/	9/05 A	cting Chief, Real Estate Division Print Name of Property Owner/Agent
Signature of Property Owner/Agent	1	Date /6/05	Wilson Doctor
Signature of Well Owner/Agent		Date	Print Name of Well Owner/Agent
BBUL for WestHazmat	(6-6-08	BAYET BARTOMA
Signature of Well Driller/Agent IMPORTANT: A minimum 24-h		Date Date	nt the ten Agent

JUN 1-8 2005

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

DISTRICT WELL PERMIT NO .: 05 W 00394

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

Domestic Water Supply Wells Only (Note: D. E. H. Approval must be granted before this application will be accepted by S.C.V.V. Date: Approved By: Approved As Submitted: Approved As Corrected:	
SITE PLAN A SITE PLAN MUST BE ATTACHED TO THIS APPLICATION THE SITE PLAN MUST BE SUBMITTED ON 8 ½" X 11" PAPER THE SITE PLAN MUST CONTAIN: 1. Location of site features, including major buildings, landscaped areas, tank fields, existing wells, etc. 2. North arrow and scale	

GENERAL CONDITIONS

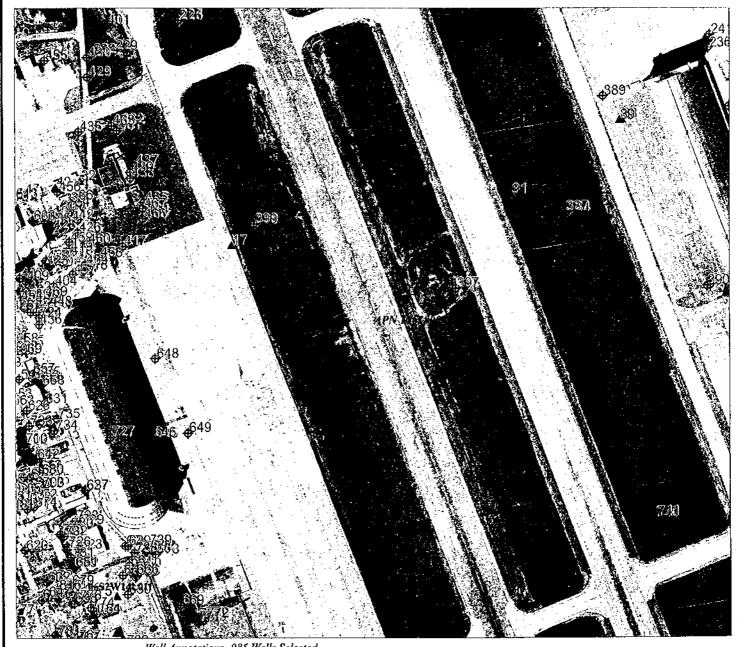
- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
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- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
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- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.
- O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

Special Conditions:	
Community Projects Review Unit Approval: (V needled)	CPRU Permit No.:
Approved By:	Date: 6-22-05

Sanka Clara Valley Water District (5750 ALMADEN EXPRESSWAY SAN JOSE, CA 95118-3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

:\gisprojects\well_info.apr

Well L	<u>Annotations</u>	- 985 Wells	Selected			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
11	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
13	No Data	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
6	No Data	UNKNOWN	FP9-1	Undetermined	6109814	1976834
7	No Data	UNKNOWN	W4-3	Undetermined	6113526	1979308
8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
14	No Data	UNKNOWN	ERM-4	Undetermined	6110130	1975715
15	No Data	UNKNOWN	14M2	Undetermined	6110071	1975695
16	No Data	UNKNOWN	W4-1	Undetermined	6113613	1979474
17	No Data	UNKNOWN	14(C)	Undetermined	6110989	1977376
18	No Data	UNKNOWN	WÙ4-2	Undetermined	6110276	1973903
19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258
1	1		, .		4	

(See attached sheet(s) for additional wells)

500 Feet

250

■ Water Supply - Inautive Extraction (Env) - Active Extraction (Env) - Inactive Other - Inactive Status Undetermined Parecls.shp ▲ Fuelleak.shp VALFLOOR.SHP

→ Water Supply - Active Water Supply - Standby

ORIGINAL File with DWR	W		ETIC	N REPORT	•		DO NOT F.EL IV	
Page of	40 n 11 . 1 10	Refer to Inst		•	STA	TE WELL NO	ISTATION NO.	
Owner's Well No.	MCH-ILLA		e0264	142	LATITUDE		LONGITUOE	
Date Work Began_						1 1		
Local Permit Age	05W00395		1-2	2-05		APN/TAS/C	THER	
Permit No	GEOLOGIC LOC	_ Permit Date	0 0		WELL OV	VNER -		
ORIENTATION (∠)	VERTICAL HORIZONI		SPECIEY	Name U.S. DE	pt of Navy			
ONIENTATION (±)	DRILLING HSA	FLUID N A		Mailing Address	1220 Paciti	c Highu	<i>lay</i>	
DEPTH FROM SURFACE		RIPTION		Sần Diệ	<u> </u>		A 92 32 STATE ZIP	
FL to Ft.	Describe material,	grain size, color, etc.		CITY	WELL LOC	ATION		
1		. <u></u>		Address Former	WAS WELL TOO	Pièld.	- Orien Park	
<u> </u>		000 100		City Moffett	Field, CA			
1 I	SEE ATTACHED	BURING LUC-		County San	Fa Clura	: 0	08	
- !				APN Book 116	_ Page <u>「ひ</u> P _ Range <u>ナ</u> W S	arcel ection	10	
				Township 6 \(\sigma \)	~-	.ongitude _	WEST	
				Latitude	SEC. ATION SKETCH —		DEG. MIN. SEC — ACTIVITY (≤)	
				i.	- NORTH -	·	NEW WELL	
				Rida. 7	16	•	MODIFICATION/REPAIR	
				£ 3143.	~ 		Deepen Other (Specify)	
				[>	4		
1				140		79	— DESTROY (Describe Procedures and Malerials	
1 1				170	1	3	Under "GEOLOGIC LOG") PLANNED USES (≤)	
				MCH-111	ua J25	15	WATER SUPPLY	
				1		787	Comestic Public Irrigation Industrial	
1				MEST		AST	MONITORING V	
					λ		TEST WELL	
				,	Ą	. ! !	CATHODIC PROTECTION	
	<u> </u>			Bldg. 72/	<u> 2</u>		DIRECT PUSH	
				1 interior	-		INJECTION	
1	<u> </u>			کئیں ۔			VAPOR EXTRACTION SPARGING	
1				<u> </u>	— SOUTH ———	; 1	REMEDIATION	
				llbistrate or Describe L Fences Rivers, etc. and	histance of Well from Road altach a map. Use addition ACCURATE & COMPL	s, Buddings. nal paper if	OTHER (SPECIFY)	
;	·						PACED MELL	
				WATER LEVEL & YIELD OF COMPLETED WELL DEPTH TO FIRST WATER 12 (Ft) BELOW SURFACE				
	I	<u></u>		DERTH OF OTATIO				
<u> </u>				WATER LEVEL	TAG & (14)(FL) & DATE		8-2-05	
\	1 Tr	 -		ESTIMATED YIELD		EST TYPE	NIA	
TOTAL DEPTH OF	12	5_(Feet)			(Hrs.) TOTAL DRAW		(Ft.)	
TOTAL DEPTH OF	COMPLETED WELL 33:	:2(Feel;		May not be repre	entative of a well's lon	g-term yieia.		
DEPTH	a a n a	CASING (S)			DEPTH FROM SURFACE	ANN	ULAR MATERIAL	
FROM SURFACE	BORE- HOLE TYPE (≚)		212	SLOT SIZE	FROM SURFACE	CS- BEN-	TYPE	
	SCREEN SOREEN (sedoul)	IATERIAL / INTERNAL GRADE DIAMETER	GAUGE OR WAI	L IF ANY	Ft. to Ft.	CE- BEN-	FILL FILTER PACK (TYPE/SIZE)	
Ft, to Ft.		(Inches)	THICKNE			(스) (스)	(≚)	
<u>C 13</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC 4	SCH 4		p : 9	V	fertland fellets	
13 23	10 1	PVC 4	SCH !	10 0.010	9 11	<u> ~</u>	1 #2 12 SQ1/L	
- '					34 35		fellets	
					- 1 / / / -		1814.12	
			-		1			
ATTAC	HMENTS (∠)			CERTIFICA	TION STATEMENT			
<u>✓</u> Geologi	c Log	I, the undersigned, ce			and accurate to the	best of my k	(nowledge and beliet.	
· ·	instruction Diagram	NAME TETTA	<u>lech</u>	EC INC.				
Geophy	sical Log(s)	1730 Califa	kia <	troot Suits	500 Sani	siean i	CA 92101	
1	ter Chemical Analyses	ADDRESS ///	<u>∿10</u>	TILE LY SALLE	cary	ا <i>ر</i> حن جر جر ج	STATE ZIP	
Other _		1230 Colum	60 V	lest Hazma	+	8-29-0	15 819548	
ATTACH ADDITIONAL	INFORMATION, IF IT EXISTS	WELL ORIENTRAUTHO	RIZED REPRE		OA	IE SIGNED	C-57 EICENSE NUMBER	

WELL CONSTRUCTION COMPLETION NOTICE

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 1 of 2

	TO BE COMP	LETED BY DISTRICT	
District Permit No.: 05W00 395		∂ ⊋-05	Well Registration No.:
Geologic Setting:	Expiration Date:	22-05	Driller's Log No.: 026442
	TO BE COMPLETED	BY OWNER AND DRILLER	
Well Owner: U.S. NAVY	· · · · · · · · · · · · · · · · · · ·	s. Army	Name of Business at Well Site: Former NAS Moffett Field
Well Owner's Mailing Address: 1220 Pacific Highway	Property Owner's Ma	eet Afn: CESPK-RE-M	Address of Well Site: Onon Park Housing Arca City, State, Zipology, State, Zipology
City, State, Zip San Diego, CA 92/32	City, State, Zip SAC (A ME/) Telephone No. & Co	to, CA 95814	Moffett Field, CA 94035
Telephone No. & Contact Name: RICK Wetsenburn 619-532-0951 Owners/Consultant's Well No.	Mike Bain	916-557-6787	Assessor's Parcel Number of Well Site:
Owner's/Consultant's Well No.: MCH-	IIUA		Book: 116 Page: 18 Parcel: 008
Consultant (Company): Tetra Tech Fr	V. Inc.	4.11	+ Hazmat
Address: 1230 Columbia Street	, suite 500	1016 Ea	st Katella Avenue
	92101	i Talaahana Na (MEIM, CA 92805
Telephone No.: 619 - 471 - 352		714-93 Check if address or pho	9-6850 C-57 License No.: 819548
Check if address or phone number has chang			
THIS SECTION TO BE COM CASE NAME: FORMER NA	PLETED FOR ALL MO 5 Moffett Fig	NITORING WELLS OR EXT	RACTION/RECOVERY WELLS
Oversight Agency: <u>EPA I RWACB</u>	If under S.	C.V.W.D oversight, list Case I	Number(s):
Type of monitoring device:		Signatu	ure of Responsible Professional
Type of extraction device: Groundwate Monitoring well use: Depth County Guali		(No substi	tution of signature will be accepted)
Monitoring well use: ☐ Depth X Quali Nested Well: ☐ Yes X No	y Griidride	Dennis	Goldman Print Name
Note: If Nested Well is proposed, a separate per	mit is needed for		Print Name # 4509
each casing.		Registration No. Civil Engin	eer OR Registration No. Geologist
	Less than 50 ft.		Over 300 ft.
Purpose of Well: Domestic Municip	al/Industrial 🔲 Agri	cultural 🍱 Monitoring	Cathodic Protection Other:
*Monitoring wells are those constructed for the p	urpose of obtaining rep	etitive water level measureme ad	On private property On SCVWD property
	□ Yes 💆		xisting well Yes 💆 No
Within 50 ft. of the top of a creek*	☐ Yes ☐		esspool or seepage pit 🔲 Yes 🔯 No
Within 50 ft. of sanitary sewer		•	
Within 100 ft. of a pit privy, septic tank, leachfield *See General Condition E, page 2.			Active Inactive Abandoned
CCDT	FICATION BY WELL	WINER/AGENT AND DRILL	ER/AGENT
			ince with the conditions of this permit (See Page 2). It agreement has been formalized between the well to polify this District of any changes in the purpose
owner and property owner, if parties differ. I und of this well, from that, which is indicated on this		applicable signatures must be	present before permit will be processed.
+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$		1 ~ 1 . ~ P	eshe fornatore
Signature of Property Owner/Agent	<u> 6</u>	Date A	cting Chief, Real Estate Division Print Name of Property Owner/Agent
Wilson Dorton		6/05	Wilson Poutor Print Name of Well Owner/Agent
Signature of Well Owner/Agent		Date	
Ball for West Hazmont	<u> </u>	<u></u>	BRYLE BARTELMA
Signature of Well Driller/Agent		Date	Rrick Name of Driller/Agent

MPORTANT: A minimum 24-hour notice must be gires Stown 776 tinnocation Dept. prior to installing the annular seal.

Santa Clara Valley Water District

5750 Almaden Expressway, San Jose, CA 95118 (408) 265-2600

FC 158 (12-16-02) Page 2 of 2

DISTRICT WELL PERMIT NO.:	05W003
DISTRICT WELL PERMIT NO	

Based on information on this application and attachment(s) hereto (if any) and subject to approval noted below, permission is hereby granted to construct (drill) the described well. Permission to start work may be withheld until a field check verifies all statements made on application by Permitee and is also subject to the "General" and "Special" Conditions stated below.

	LARA DEPARTMENT OF ENVIRONMENTAL HEALTH APPROVAL y Wells Only (Note: D. E. H. Approval must be granted before this appli	cation will be accepted by S.C.V.W.D.)
Date:	oved As Submitted: Approved As Corrected:	
Approved As Submitted	d: Approved As Corrected:	
THE SITE PLAN MUTHE SITE PLAN MUTHE SITE PLAN MUTHER SITE	UST BE SUBMITTED ON 8 ½" X 11" PAPER UST CONTAIN: features, including major buildings, landscaped areas, tank fields, existin	ıg wells, etc.

GENERAL CONDITIONS

- A. SCVWD (Telephone 408-265-2607, Ext. 2660) MUST BE NOTIFIED A MINIMUM OF ONE WORKING DAY BEFORE CONSTRUCTION OF THE ANNULAR SEAL. An authorized District representative must be on site to witness the construction of the annular seal. This requirement may be waived by an authorized District representative. If the District waives the inspection requirement, the District may request the Permittee(s) to furnish certification, under penalty of perjury, that the well was constructed in accordance with the District Well Standards and with the permit conditions.
- B. This Permit is valid only for the purpose specified herein. Well construction methods authorized under this Permit may not be changed except by written approval of an authorized District representative, and only if the District believes that such a change will result in equal or superior compliance with the District and State Well Standards (e.g. if the District representative finds that site conditions warrant such a change).
- C. This Permit is only valid for the Assessor's Parcel Number indicated on it.
- D. This Permit may be voided if it contains incorrect information. If the permit is voided after work has begun, the well or boring that was constructed under this permit must be destroyed in accordance with District and State Well Standards.
- E. If any work associated with this permit will take place within 50 feet of the top of the banks of a stream, water course, or on SCVWD Property, an encroachment or construction permit must be granted by the District's Community Projects Review Unit (telephone 408-265-2607 Ext. 2589).
- F. Before the well constructed under this permit can be used as a drinking water source, its use must be approved by the regulatory agency with authority over such use (typically the Santa Clara County Department of Environmental Health or the State of California, Department of Water Resources, Office of Drinking Water).
- G. If the well constructed under this permit cannot be or is not being used for its intended purpose, permittee is hereby required to destroy the well according to the District Well Standards and under permit from the District. Any test holes drilled under this permit must be destroyed within 24-hours of completion of testing activities. Destruction activities must be completed according to SCVWD standards. SCVWD must be notified a minimum of 24-hours prior to destruction.
- H. Within 60 days of the completion of the well construction activities, the driller or consultant identified on this permit shall fully complete State of California DWR Form 188 and mail the original to the District's Wells and Water Production Unit.
- I. The Permittee(s) shall assume entire responsibility for all activities and uses under this Permit and shall indemnify, defend, and hold the District, its officers, agents, and employees, free and harmless from any and all expense, cost, and liability in connection with or resulting from, the granting or exercise of this Permit including, but not limited to, property damage, personal injury, and wrongful death.
- J. Permittees are required to be in full compliance with Cal/OSHA California Labor Code Section 6300.
- K. A current C-57 Water Well Drilling Contractor's License is required for the construction of all wells.
- L. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all materials or waters generated during drilling, well construction, well development, pump testing, or other activities associated with this Permit, will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on- or off-site storm sewers, dry wells, or waterways. Such materials/waters must not be allowed to move off the property where the work is being completed.
- M. The driller and consultants (if applicable) shall have an active copy of their Worker's Compensation Insurance on file with District.
- N. This Permit shall expire if not exercised within 180 calendar days of its approval, unless an extension of the permit expiration date is granted by an authorized District representative.

O. This permit must be kept on-site during the completion of all activities associated with it and shall immediately be presented to an authorized District representative upon request.

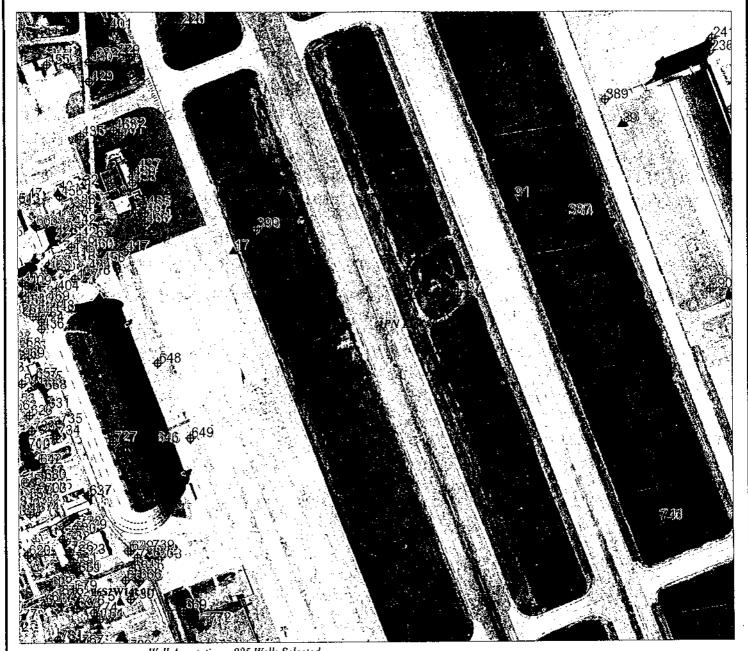
addionEog Biomocroprocomasto epettiveques.	
Special Conditions:	
N.	
Community Projects Review Link Approval (if needed) 🖟 🚶	CPRU Permit No.:
Approved By:	Date: 6-22-05

PLEASE ALLOW 10 WORKING DAYS TO PROCESS THIS APPLICATION

Sanka Clara Valley Waker District 5750 ALMADEN EXPRESSWAY
SAN JOSE, CA 95118 3686

Orion Park Housing Area





APN: 11618008 Bayshore Pky Mountain View CA 94043

e:\gisprojects\well_info.apr

veu z	ттокитоль	- 905 Wens	Detecten			
No	Well_nbr	Permit	Consultnum	Status	Easting	Northing
1	No Data	No Data	No Data	Other-Active	6109971	1976272
2	No Data	UNKNOWN	ERM-1	Undetermined	6111317	1974128
3	No Oata	UNKNOWN	ERM-3	Undetermined	6111346	1974136
4	No Data	UNKNOWN	14D25A2	Undetermined	6109335	1978251
5	No Data	UNKNOWN	W3-7	Undetermined	6113613	1980783
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8	No Data	UNKNOWN	ERM-2	Undetermined	6111330	1974195
9	No Data	UNKNOWN	W3-21	Undetermined	6113934	1980166
10	No Data	UNKNOWN	ERM-6	Undetermined	6110309	1975615
11	No Data	UNKNOWN	W29-3	Undetermined	6109689	1976851
12	No Data	UNKNOWN	W67-1	Undetermined	6110226	1975707
13	No Data	UNKNOWN	ERM-5	Undetermined	6110196	1975736
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19	No Data	UNKNOWN	W4-11-P1	Undetermined	6114321	1979445
20	No Data	UNKNOWN	W4-4	Undetermined	6113771	1979258

oproximate Scole

250 500 Feet

(See attached sheet(s) for additional wells)

Wells.shp
→ Water Supply - Active
Water Supply - Standby
Water Supply - Inactive
Extraction (Env) - Active
Extraction (Env) - Inactiv
Other - Active
Other - Inactive
* Abandoned
⊕ Destroyed
▲ Status Undetermined
Parcels.shp
Fuelleak.shp
VALFLOOR.SHP
Zone 1
Zone 2
Zone 3
Zone 4
f Zone 5

June 20, 2005

LOG OF BORING MCH-10LA

					(Sheet 1 of 3)	
Client: US NAV	Y			Drillin	g Company: West Hazmat	
Project: MOFFE	TT COMMUNITY HOUSING			Drillin	g Method: Hollow-stem auger	
Project Number:	1990.079D			Samp	oling Method: Continuous Core	
Location: FORM	IER NAS MOFFETT FIELD, CA			Boreh	nole Diameter: 10 in.0-48.6 Ft.	
Geologist: P. W	eston			North	ing: 1,976,738.20 Feet (NAD 83; NAVD 88)	
Date Started: Ju	ıly 21, 2005			Eastir	ng: 6,107,085.90 Feet (NAD 83; NAVD 88)	
Date Completed	July 21, 2005			Grour	nd Surface Elevation: 23.10 Feet amsl	
Total Depth: 48.	6 Feet bgs			Top o	of Casing Elevation: 22.71 Feet amsl	
Depth (ft.) Water Level Well/Boring Completion	. Well/Boring Remarks	PID Wd Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	Flevetion (#)
	12" EMCO Wheaton flushmount with 15/16" bolts set in 2' round concrete pad.		ML		0 to 3 ft. SILT: black (5Y 2.5/2), moist, 90% fines with medium plasticity, 10% fine sand, roots	
	3		ML/CL		3 to 4 ft. SILT AND CLAY: olive gray (5Y 5/2), moist, 90% fines with medium to high plasticity, 10% fine sand] :
5	Grout (95% cement5% bentonite)4" Schedule 40 PVC BlankCasing		CL		4 to 13 ft. CLAY: dark gray (10YR 4/1), moist, 90% fines with high plasticity, 10% fine sand	
10-			SP-SM		13 to 15 ft. POORLY GRADED SAND WITH SILT: black (5Y 2.5/1), wet, 85% fine to medium subrounded to rounded sand, 10% non-plastic fines, 5% fine subrounded to rounded	
15—			ML SP-SM ML		gravel 15 to 16 ft. SILT: dark bluish gray (2 GLEY 4/5B), wet, 90% fines with low to medium plasticity, 10% fine sand 16 to 17 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/5B), wet, 90% fine to medium sand, 10% non-plastic fines, trace gravel 17 to 18 ft. SILT: dark bluish gray (2 GLEY 4/5B), wet, 90%	
20-			ML ML		fines with low plasticity, 10% fine sand 18 to 19 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/5B), wet, 90% fine to medium sand, 10% non-plastic fines, trace gravel 19 to 20.5 ft. SILT: dark bluish gray (2 GLEY 4/5B), moist to	
			SM GM SP-SM		wet, 90% fines with medium plasticity, 10% fine to coarse sand, trace fine gravel 20.5 to 21.5 ft. SANDY SILT: olive (5Y 4/3), moist to wet, 50% fines with low plasticity, 40% fine to coarse subangular sand, 10% fine subangular gravel 21.5 to 22 ft. SILTY SAND: olive brown (2.5Y 4/4), wet, 80% fine to coarse subrounded sand, 20% non-plastic fines	

LOG OF BORING MCH-10LA

						(Sheet 2 of 3)				
Client	: US NAVY				Drilling	g Company: West Hazmat				
Projec	Project: MOFFETT COMMUNITY HOUSING					Drilling Method: Hollow-stem auger				
Projec	ct Number: 1	1990.079D			Samp	ling Method: Continuous Core				
Locati	ion: FORME	R NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-48.6 Ft.				
Geolo	gist: P. Wes	ston			North	ing: 1,976,738.20 Feet (NAD 83; NAVD 88)				
Date \$	Started: July	21, 2005			Eastir	ng: 6,107,085.90 Feet (NAD 83; NAVD 88)				
Date (Completed: .	July 21, 2005			Grour	nd Surface Elevation: 23.10 Feet amsl				
Total	Depth: 48.6	Feet bgs			Тор о	f Casing Elevation: 22.71 Feet amsl				
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	(4)			
30-		⋖ -Bentonite Seal		SP-SM GW-GM SW-SM		22 to 24 ft. SILTY GRAVEL WITH SAND: olive brown (2.5Y 4/4), wet, 40% fine to coarse subrounded gravel, 30% fine to coarse subrounded sand, 30% non-plastic fines, potentially slough 24 to 26.5 ft. POORLY GRADED SAND WITH SILT: olive brown (2.5Y 4.3), wet, 90% medium sand, 10% non-plastic fines 26.5 to 29 ft. WELL GRADED GRAVEL WITH SILT AND SAND: olive brown (2.5Y 4/3), wet, 60% fine subangular to subrounded gravel, 30% fine to coarse subangular to grayish brown (10YR 3/2), wet, 85% fine to coarse				
35-		Filter Pack (#2/12 Sand)—Centralizer		SM SP-SM GW-GM		subangular to subrounded sand, 10% non-plastic fines, 5% fine subangular to subrounded gravel 30.5 to 33.5 ft. SILT: dark yellowish brown (10YR 4/6), moist, 95% fines with medium plasticity, 5% fine sand 33.5 to 34 ft. SILTY SAND: dark yellowish brown (10YR 4/4), moist, 60% fine to coarse subrounded sand, 30% non-plastic fines, 10% fine gravel 34 to 35 ft. POORLY GRADED SAND WITH SILT: very dark gray (10YR 3/1), wet, 90% fine to coarse subrounded to rounded sand, 10% non-plastic fines, trace fine gravel	- / /			
40-		—4" Schedule 40 PVC Blank Casing		SM SM		35 to 36.5 ft. WELL GRADED GRAVEL WITH SILT AND SAND: yellowish brown (10YR 5/4), wet, 50% fine to coarse subrounded to rounded gravel, 40% fine to coarse subrounded to rounded sand, 10% non-plastic fines 36.5 to 37 ft. WELL GRADED SAND WITH SILT: yellowish brown (10YR 5/4), wet, 80% fine to coarse subangular to subrounded sand, 10% fine gravel, 10% non-plastic fines 37 to 37.5 ft. SILT: yellowish brown (10YR 5/4), moist, 90% non-plastic fines, 10% fine to coarse sand 37.5 to 39 ft. SILTY GRAVEL WITH SAND: yellowish brown (10YR 5/4), wet, 55% fine to coarse subangular to subrounded gravel, 25% fine to coarse subangular to	_			
, T		—Centralizer		SM		subrounded sand, 20% fines with low plasticity				
45—		⋖ -Bentonite		GM ML		39 to 40 ft. SILTY SAND: very dark gray (7.5YR 3/1), wet, 80% fine to coarse subrounded sand, 20% non-plastic fines 40 to 44 ft. SILTY SAND WITH GRAVEL: very dark gray (7.5YR 3/1), wet, 50% fine to coarse subrounded to rounded sand, 30% fine to coarse subrounded to rounded gravel, 20% non-plastic fines 44 to 45 ft. SILTY SAND: dark grayish brown (2.5Y 4/2), wet, 80% fine to medium sand, 20% non-plastic fines, calcareous nodules	-: -:			

LOG OF BORING MCH-10LA

(Sheet 3 of 3)

Client: US NAVY					Drilling Company: West Hazmat												
Project: MOFFETT COMMUNITY HOUSING					Drilling Method: Hollow-stem auger												
Project Number: 1990.079D Location: FORMER NAS MOFFETT FIELD, CA Geologist: P. Weston Date Started: July 21, 2005 Date Completed: July 21, 2005 Total Depth: 48.6 Feet bgs						Sampling Method: Continuous Core											
						Borehole Diameter: 10 in.0-48.6 Ft. Northing: 1,976,738.20 Feet (NAD 83; NAVD 88) Easting: 6,107,085.90 Feet (NAD 83; NAVD 88) Ground Surface Elevation: 23.10 Feet amsl Top of Casing Elevation: 22.71 Feet amsl											
										Depth (ft.) Water Level	Well/Boring Completion	Well/Boring Remarks	PID W Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	(4)
										- - - - 55-						45 to 46 ft. SILTY GRAVEL WITH SAND: light olive brown (2.5Y 5/3), wet, 60% fine to coarse subangular to subrounded gravel, 20% fine to coarse subangular to subrounded sand, 20% non-plastic fines 46 to 48.6 ft. SILT: greenish gray (1 GLEY 5/5GY), moist, 90% fines with low plasticity, 10% fine sand, trace calcareous nodules	-:
										60—							-
										- - - - 65—							-
70—							-										
							<u> </u> -										

LOG OF BORING MCH-11UA

						(Sheet 1 of 2)			
Clien	t: US NAVY			Drilling Company: West Hazmat					
Project: MOFFETT COMMUNITY HOUSING					Drilling Method: Hollow-stem auger				
Project Number: 1990.079D						Sampling Method: Continuous Core			
Location: FORMER NAS MOFFETT FIELD, CA						Borehole Diameter: 10 in.0-25 Ft.			
Geol	ogist: P. Wes	ston		Northing: 1,976,846.20 Feet (NAD 83; NAVD 88)					
Date	Started: July	/ 20, 2005			Easting: 6,106,761.60 Feet (NAD 83; NAVD 88)				
Date	Completed:	July 21, 2005		Ground Surface Elevation: 23.40 Feet amsl					
Total	Depth: 25.0	Feet bgs			Top o	f Casing Elevation: 26.17 Feet amsl			
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	4) 90110101		
5—		5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete Grout (95% cement 5% bentonite)		ML		0 to 6 ft. SANDY SILT: black (5Y 2.5/2), moist, 60% fines with low plasticity, 30% fine to coarse subangular sand, 10% fine to coarse gravel, roots			
		4" Schedule 40 PVC Blank Casing		ML		6 to 8 ft. SILT WITH GRAVEL: gray (5Y 5/1), moist, 75% fines with medium to high plasticity, 15% fine subangular to angular gravel, 10% fine to coarse subangular to angular sand, calcareous nodules 8 to 10 ft. WELL GRADED GRAVEL: olive gray (5Y 4/2), resist 150% fine to coarse subangular days gray (5Y 4/2).			
10-				GW-GN		moist, 85% fine to coarse subrounded gravel, 10% fine to coarse sand, 5% non-plastic fines 10 to 12.5 ft. WELL GRADED GRAVEL WITH SILT AND SAND: olive (5Y 4/3), moist, 60% fine to coarse rounded gravel, 30% fine to coarse rounded sand, 10% non-plastic fines	-		
15—				GW-GM		12.5 to 15 ft. WELL GRADED GRAVEL WITH SILT: olive (5Y 4/3), 80% fine to coarse subrounded gravel, 10% fine to coarse subrounded sand, 10% non-plastic fines			
				SP-SM		15 to 17 ft. POORLY GRADED SAND WITH SILT: very dark gray (5Y3/1), wet, 90% fine to coarse subangular to subrounded sand, 10% non-plastic fines			
20-		—4" Schedule 40 PVC 0.010 Wire-Wrapped Screen		GW-GM		17 to 20 ft. WELL GRADED GRAVEL WITH SILT: dark olive gray (5Y 3/2), wet, 80% fine to coarse subrounded to rounded gravel, 10% fine to coarse subrounded to rounded sand, 10% non-plastic fines			
				SM SP-SM		20 to 21 ft. SILTY SAND: dark olive gray (5Y 3/2), wet, 75% fine to coarse subrounded sand, 20% fines with low plasticity, 5% fine gravel 21 to 22 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/10B), wet, 90% fine to coarse			
-		■ Bentonite		ML/CL		subrounded sand, 10% low to non-plastic fines 22 to 25 ft. SILT AND CLAY: dark bluish gray (2 GLEY 4/10B), moist to wet, 90% fines with medium to high plasticity, 10% fine to medium sand, trace calcareous			

LOG OF BORING MCH-11UA

(Sheet 2 of 2)

							(Sileet 2 of 2)			
Clien	nt: US	NAVY				Drilling Company: West Hazmat				
Proje	ect: M	OFFET	T COMMUNITY HOUSING			Drillin	g Method: Hollow-stem auger			
Proje	ect Nu	mber: 1	1990.079D			Samp	oling Method: Continuous Core			
Locat	ition: I	ORME	R NAS MOFFETT FIELD, CA			Borel	nole Diameter: 10 in.0-25 Ft.			
Geol	ogist:	P. Wes	ston			North	ing: 1,976,846.20 Feet (NAD 83; NAVD 88)			
Date	Starte	ed: July	20, 2005			Easti	ng: 6,106,761.60 Feet (NAD 83; NAVD 88)			
Date	Comp	oleted:	July 21, 2005			Groui	nd Surface Elevation: 23.40 Feet amsl			
Total	l Depth	n: 25.0	Feet bgs			Top c	of Casing Elevation: 26.17 Feet amsl			
Depth (ft.)	Water Level	Well/Boring Completion	Well/Boring Remarks	PID F Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION			
				FFIVI			nodules			
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- 1										
4										

LOG OF BORING MCH-1UA

(Sheet 1 of 1)

Client: US NAVY	,			Drillin	g Company: West Hazmat		
Project: MOFFE	TT COMMUNITY HOUSING			Drilling Method: Hollow-stem auger			
Project Number:	1990.079D			Sampling Method: N/A			
Location: FORM	ER NAS MOFFETT FIELD, CA			Boreh	nole Diameter: 10 in.0-25 Ft.		
Geologist: B. Ba	rtelma			North	ing: 1,975,244.73 Feet (NAD 83; NAVD 88)		
Date Started: Ju	ly 13, 2005			Eastir	ng: 6,106,168.01 Feet (NAD 83; NAVD 88)		
Date Completed:	July 13, 2005			Grour	nd Surface Elevation: 35.20 Feet amsl		
Total Depth: 25.0) Feet bgs			Top o	of Casing Elevation: 34.73 Feet amsl		
Depth (ft.) Water Level Well/Boring Completion	Well/Boring Remarks	PID Ware Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION		
5-	12" EMCO Wheaton flushmount with 15/16" bolts set in 2' round concrete pad. Concrete Grout (95% cement 5% bentonite)	1 1 19			NO LOG OF BORING. Please see MCH-2LA for lithology.		
10-	4" Schedule 40 PVC Blank Casing -Bentonite Seal						
15—	-Filter Pack (#2/12 Sand)						
20-	4" Schedule 40 PVC 0.010 Wire-Wrapped Screen						
	4					\perp	

LOG OF BORING MCH-2LA

(Sheet 1 of 2)

Client: US NAVY						Drilling Company: West Hazmat				
Project: MOFFETT COMMUNITY HOUSING						Drilling Method: Hollow-stem auger				
Proje	ect Number:	1990.079D			Samp	oling Method: Continuous Core				
Loca	tion: FORME	ER NAS MOFFETT FIELD, CA			Boreh	nole Diameter: 10 in.0-49 Ft.				
Geol	ogist: B. Bart	relma			North	ing: 1,975,245.19 Feet (NAD 83; NAVD 88)				
Date	Started: July	/ 12, 2005			Eastir	ng: 6,106,162.48 Feet (NAD 83; NAVD 88)				
Date	Completed:	July 13, 2005			Grour	nd Surface Elevation: 35.20 Feet amsl				
Total	Depth: 49.0	Feet bgs			Тор о	f Casing Elevation: 35.06 Feet amsl				
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID F Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	i			
-		12" EMCO Wheaton flushmount with 15/16" bolts set in 2' round concrete pad.		ML		0 to 2.5 ft. SILT: very dark gray (2.5Y 3/1), dry, 90% fines with low plasticity, 10% fine sand, roots				
-		Concrete		ML		2.5 to 4 ft. SILT WITH SAND: very dark gray (2.5Y 3/1), moist, 80% fines with low plasticity, 20% fine to coarse sand, roots				
5		Grout (95% cement 5% bentonite)4" Schedule 40 PVC Blank Casing		SM		4 to 9 ft. SILTY SAND: dark grayish brown (2.5Y 4/2), moist, 60% fine to coarse sand, 30% non-plastic fines, 10% fine gravel, poor recovery				
10 - - - -				ML		9 to 14 ft. SILT WITH SAND: olive (5Y 4/3), moist, 85% fines with medium plasticity, 15% fine to coarse sand				
15— - -				SW-SM		14 to 19 ft. WELL GRADED SAND WITH SILT: dark olive gray (5Y 3/2), moist to wet, 80% fine to coarse sand, 10% fine to coarse subangular gravel, 10% non-plastic fines				
20 — - - -				SW-SM		19 to 24 ft. WELL GRADED SAND WITH SILT AND GRAVEL: dark olive gray (5Y 3/2), wet, 75% fine to coarse sand, 15% fine to coarse subangular gravel, 10% non-plastic fines, poor recovery/potential slough				
1					1	24 to 29 ft. NO RECOVERY				

LOG OF BORING MCH-2LA

(Sheet 2 of 2)

Client:	: US NAVY				Drillin	g Company: West Hazmat	
Projec	t: MOFFET	T COMMUNITY HOUSING			Drillin	g Method: Hollow-stem auger	
Projec	ct Number: 1	1990.079D			Samp	oling Method: Continuous Core	
Location	on: FORME	R NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-49 Ft.	
Geolo	gist: B. Barte	elma			North	ing: 1,975,245.19 Feet (NAD 83; NAVD 88)	
Date S	Started: July	12, 2005			Eastir	ng: 6,106,162.48 Feet (NAD 83; NAVD 88)	
Date 0	Completed: .	July 13, 2005			Grour	nd Surface Elevation: 35.20 Feet amsl	
Total [Depth: 49.0	Feet bgs			Top o	f Casing Elevation: 35.06 Feet amsl	_
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	
35-		 Bentonite Seal Filter Pack (#2/12 sand) Centralizer Schedule 40 PVC 0.010 Wire-Wrapped Screen Centralizer 		ML SM		29 to 29.5 ft. SILT WITH SAND: dark bluish gray (2 GLEY 4/5B), moist, 75% non-plastic fines, 25% fine to coarse sand 29.5 to 30 ft. SILTY SAND: dark bluish gray (2 GLEY 4/5B), wet, 70% fine to coarse sand, 30% non-plastic fines, trace of fine subrounded gravel 30 to 44 ft. WELL GRADED SAND WITH SILT: olive gray (5Y 4/2), wet, 85% fine to coarse sand, 10% non-plastic fines, 5% fine to coarse subrounded gravel, poor recovery, 39 to 44 feet potential slough	
45-		 -Slough		ML/CL		44 to 47 ft. SILT AND CLAY: dark bluish gray (2 GLEY 4/5B), moist, 90% fines with medium to high plasticity, 10% fine sand	
-				ML		47 to 49 ft. SANDY SILT: dark bluish gray (2 GLEY 4/5B), moist, 70% fines with low plasticity, 30% fine to medium sand	

LOG OF BORING MCH-3UA

(Sheet 1 of 2)

						(Sheet 1 of 2)	
Client:	US NAVY				Drillin	g Company: West Hazmat	
Project:	MOFFET	T COMMUNITY HOUSING			Drillin	g Method: Hollow-stem auger	
Project	Number:	1990.079D			Samp	ling Method: Continuous Core	
Location	n: FORME	ER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-24.5 Ft.	
Geolog	ist: B. Bart	telma			North	ing: 1,975,330.60 Feet (NAD 83; NAVD 88)	
Date St	tarted: July	y 12, 2005			Eastir	ng: 6,106,717.53 Feet (NAD 83; NAVD 88)	
Date Co	ompleted:	July 12, 2005			Grour	nd Surface Elevation: 31.60 Feet amsl	
Total D	epth: 24.5	Feet bgs			Тор о	f Casing Elevation: 34.34 Feet amsl	
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	
-		5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete		ML		0 to 3 ft. SILT: black (2.5Y 2/1), dry, 90% fines with low plasticity, 10% fine sand, roots	
5-		Grout (95% cement5% bentonite)—4" Schedule 40 PVC blank casing		ML		3 to 8 ft. SILT WITH SAND: dark grayish brown (2.5Y 4/2), moist, 80% fines with low plasticity, 20% fine sand, trace of roots	
10-		■ Bentonite Seal		ML/CL		8 to 10.5 ft. SILT AND CLAY WITH SAND: very dark grayish brown (2.5Y 3/2), moist, 80% fines with medium to high plasticity, 20% fine sand	
-		Filter Pack (#2/12 sand)		CL		10.5 to 11.5 ft. CLAY: black (2.5Y 2.5/1), moist, 90% fines with high plasticity, 10% fine sand 11.5 to 13.5 ft. SANDY CLAY: olive brown (2.5Y 4/3), moist, 70% fines with high plasticity, 30% fine to coarse sand	
- 15— - - -				SM CL SW-SM		13.5 to 14 ft. SILTY SAND: olive brown (2.5Y 4/3), moist, 55% fine to coarse sand, 40% low to non-plastic fines, 5% fine to coarse subrounded gravel 14 to 14.5 ft. CLAY: very dark gray (2.5Y 3/1), moist, 90% fines with high plasticity, 10% fine sand 14.5 to 18.5 ft. WELL GRADED SAND WITH SILT: very dark grayish brown (2.5Y 3/2), wet, 80% fine to coarse sand, 10% fine to coarse subangular to subrounded gravel, 10% non-plastic fines 18.5 to 20 ft. NO RECOVERY	- / / -
20				SW-SM		20 to 22.5 ft. WELL GRADED SAND WITH SILT: very dark grayish brown (2.5Y 3/2), wet, 90% fine to coarse subrounded sand, 10% non-plastic fines, trace of fine gravel 22.5 to 23.5 ft. CLAY: very dark gray (2.4Y 3/1), moist, 90% fines with high plasticity, 10% fine sand 23.5 to 24.5 ft. SANDY SILT: very dark gray (2.4Y 3/1), moist, 70% fines with low plasticity, 30% fine sand, trace of	1

LOG OF BORING MCH-3UA

(Sheet 2 of 2)

Clier	nt: IIS	NAVY				Deillin	a Campany West Harmet	
_			T COMMUNITY HOUSING				g Company: West Hazmat	
			1990.079D				g Method: Hollow-stem auger	
			R NAS MOFFETT FIELD, CA				ling Method: Continuous Core lole Diameter: 10 in.0-24.5 Ft.	
		B. Bart					ing: 1,975,330.60 Feet (NAD 83; NAVD 88)	
			12, 2005				ng: 6,106,717.53 Feet (NAD 83; NAVD 88)	
-			July 12, 2005				nd Surface Elevation: 31.60 Feet amsl	
							f Casing Elevation: 34.34 Feet amsl	
Tota			Feet bgs		Ι	· ·	Casing Elevation. 34.34 Feet ams	<u> </u>
Depth (ft.)	Water Level	Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	Elevation (ft.)
							\ calcareous nodules	
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000 40 1 1 1 1 1 1 1 1 1								-10 -10
45—								-
								-15 ₂
-								_
No.	tes:	Boring Lo	og Reviewed By: D. Goldman 8/30/	05				

TIEW WELL CONSTRUI

bgs = below ground surface AMSL = above mean sea level

LOG OF BORING MCH-4LA

						(Sheet 1 of 2)		
Client:	US NAVY			Drilling Company: West Hazmat				
Project:	MOFFET	T COMMUNITY HOUSING		Drilling Method: Hollow-stem auger				
Project	Number: 1	990.079D			Sam	oling Method: Continuous Core		
Location	n: FORME	R NAS MOFFETT FIELD, CA			Borel	nole Diameter: 10 in.0-49 Ft.		
Geologi	ist: P. Wes	ston			North	ning: 1,975,404.30 Feet (NAD 83; NAVD 88)		
Date St	arted: July	18, 2005			Easti	ng: 6,106,977.50 Feet (NAD 83; NAVD 88)		
Date Co	ompleted: .	July 18, 2005			Grou	nd Surface Elevation: 30.40 Feet amsl		
Total De	epth: 49.0	Feet bgs			Тор	of Casing Elevation: 33.13 Feet amsl		
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Wed Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	Elevation (ft.)	
-		5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete		ML		0 to 3 ft. SILT: greenish black (1 GLEY 2.5/5G), dry, 90% non-plastic fines, 10% fine to medium sand, roots	3	
_		Contracto		ML		3 to 5 ft. SILT: reddish black (10R 2.5/1), dry, 90% non-plastic fines, 10% fine to medium sand, roots		
5—		Grout (95% cement 5% bentonite)—4" Schedule 40 PVC Blank Casing				5 to 9 ft. NO RECOVERY	2	
10-				CL/ML		9 to 18 ft. CLAY AND SILT WITH SAND: reddish brown (5YR 4/3), moist, 85% fines with medium to high plasticity, 15% fine sand, trace roots	2	
15-								
_				SM		18 to 19.5 ft. SILTY SAND: dark bluish gray (2 GLEY 3/5B), moist, 70% fine sand, 30% fines with medium plasticity		
20-				CL		19.5 to 23 ft. GRAVELLY CLAY: dark bluish gray (2 GLEY 4/5B), moist, 70% fines with high plasticity, 20% fine to coarse subrounded gravel, 10% fine sand	•	
				SP-SM CL		23 to 24 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/5B), moist, 90% fine sand, 10% non-plastic fines		

LOG OF BORING MCH-4LA

(Sheet 2 of 2)

						(Sheet 2 of 2)			
Client:	US NAVY			Drilling Company: West Hazmat					
Project:	MOFFET	T COMMUNITY HOUSING			Drilling Method: Hollow-stem auger				
Project	Number: 1	990.079D			Samp	ling Method: Continuous Core			
Location	n: FORME	R NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-49 Ft.			
Geologi	ist: P. Wes	ton			Northi	ing: 1,975,404.30 Feet (NAD 83; NAVD 88)			
Date St	tarted: July	18, 2005			Eastin	ng: 6,106,977.50 Feet (NAD 83; NAVD 88)			
Date Co	ompleted: .	July 18, 2005			Grour	nd Surface Elevation: 30.40 Feet amsl			
Total De	epth: 49.0	Feet bgs			Top o	f Casing Elevation: 33.13 Feet amsl			
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	; ;		
-				CL		24 to 28 ft. CLAY WITH SAND: dark bluish gray (2 GLEY 4/5B), moist, 80% fines with high plasticity, 20% fine to coarse sand			
30-		-Bentonite Seal		SP-SM		28 to 33 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/5B), wet, 90% fine to coarse sand, 10% non-plastic fines, poor recovery			
35— - -	4	Filter Pack (#2/12 sand) —Centralizer		SM		33 to 38.5 ft. SILTY SAND: olive (5Y 4/3), wet, 55% fine to coarse subangular sand, 45% fines with low to medium plasticity, poor recovery			
- 40 - -		—4" Schedule 40 PVC 0.010 Wire-Wrapped Screen		SW-SC		38.5 to 39 ft. WELL GRADED SAND WITH SILT AND GRAVEL: brown (10YR 4/3), wet, 70% fine to coarse sand, 20% fine subangular gravel, 10% non-plastic fines, poor recovery 39 to 43.5 ft. GRAVELLY CLAY: light olive gray (5Y 6/2), wet, 80% fines with high plasticity, 20% fine to coarse angular gravel, abundant calcareous nodules			
- 45— - - -		—Centralizer ⋖ -Bentonite		ML ML		43.5 to 44 ft. POORLY GRADED SAND WITH SILT: olive (5Y 4/3), wet, 90% fine to coarse sand, 10% non-plastic fines 44 to 45.5 ft. SILT: olive brown (2.5Y 4/3), moist, 90% fines with medium plasticity, 10% fine to coarse sand 45.5 to 47 ft. SANDY SILT: olive brown (2.5Y 4/3), moist to wet, 70% fines with low plasticity, 30% fine to coarse sand, trace fine subrounded to subangular gravel 47 to 49 ft. SILT: olive (5Y 4/3), moist, 90% fines with low to medium plasticity, 10% fine to coarse sand, trace fine subangular to subrounded gravel, calcareous nodules			

LOG OF BORING MCH-5UA

(Sheet 1 of 2)

						(Sheet 1 of 2)	
Client:	US NAVY				Drilling	g Company: West Hazmat	
Project:	MOFFET	T COMMUNITY HOUSING			Drilling	g Method: Hollow-stem auger	
Project	Number:	1990.079D			Samp	ling Method: Continuous Core	
Locatio	n: FORME	ER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-29 Ft.	
Geolog	ist: B. Bart	relma			North	ing: 1,976,246.48 Feet (NAD 83; NAVD 88)	
Date St	tarted: July	<i>t</i> 11, 2005			Eastir	ng: 6,107,327.72 Feet (NAD 83; NAVD 88)	
Date Co	ompleted:	July 12, 2005			Grour	nd Surface Elevation: 24.70 Feet amsl	
Total D	epth: 29.0	Feet bgs			Тор о	f Casing Elevation: 27.33 Feet amsl	
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	47
- - - -		5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete		ML		0 to 4.5 ft. SILT: black (2.5Y 2.5/1), dry, 90% fines with medium plasticity, 10% fine sand	
5-		Grout (95% cement 5% bentonite)		ML CL		4.5 to 5 ft. SILT WITH SAND: dark grayish brown (2.5Y 4/2), moist, 80% fines with medium plasticity, 20% fine sand, trace roots 5 to 8 ft. CLAY: very dark gray (2.5Y 3/1), moist, 90% fines with high plasticity, 10% fine to medium sand, trace	- 1
10-		4" Schedule 40 PVC Blank Casing Bentonite Seal		CL		calcareous nodules 8 to 12 ft. CLAY WITH SAND: dark grayish brown (2.5Y 4/2), moist, 80% fines with high plasticity, 20% fine to medium subangular sand	-
15—		Filter Pack (#2/12 Sand)		SM CL SM		12 to 13 ft. SILTY SAND: dark greenish gray (2 GLEY 4/5BG), wet, 50% fine to coarse subrounded sand, 50% non-plastic fines, trace gravel 13 to 14 ft. CLAY WITH SAND: dark greenish gray (2 GLEY 4/5BG), moist, 80% fines with high plasticity, 20% fine to coarse sand	
-				ML SM CL ML		14 to 15 ft. SILTY SAND: very dark gray (2.5Y 3/1), wet, 80% fine sand, 20% non-plastic fines 15 to 15.5 ft. SILT: very dark gray (2.5Y 3/1), moist, 90% non-plastic fines, 10% fine sand 15.5 to 16 ft. SILTY SAND: very dark gray (2.5Y 3/1), wet, 70% fine to medium sand, 30% non-plastic fines	
20-		4" Schedule 40 PVC 0.010 Wire-Wrapped Screen		SW-SM		16 to 17 ft. CLAY: very dark gray (2.5Y 3/1), moist, 90% fines with high plasticity, 10% fine to coarse sand 17 to 19 ft. SANDY SILT: very dark gray (2.5Y 3/1), wet, 70% non-plastic fines, 30% fine sand 19 to 21 ft. WELL GRADED SAND WITH SILT: very dark	
-				SW-SM ML/CL SW-SM ML/CL		grayish brown (2.5Y 3/2), wet, 80% fine to coarse subrounded sand, 10% non-plastic fines, 10% fine subrounded gravel 21 to 21.5 ft. SILT AND CLAY: olive brown (2.5Y 4/3), moist, 90% fines with medium to high plasticity, 10% fine sand 21.5 to 23 ft. WELL GRADED SAND WITH SILT: olive	

LOG OF BORING MCH-5UA

	(Sheet 2 of 2)				
Client: US NAVY	Drilling Company: West Hazmat				
Project: MOFFETT COMMUNITY HOUSING	Drilling Method: Hollow-stem auger				
Project Number: 1990.079D	Sampling Method: Continuous Core				
Location: FORMER NAS MOFFETT FIELD, CA	Borehole Diameter: 10 in.0-29 Ft.				
Geologist: B. Bartelma	Northing: 1,976,246.48 Feet (NAD 83; NAVD 88)				
Date Started: July 11, 2005	Easting: 6,107,327.72 Feet (NAD 83; NAVD 88)				
Date Completed: July 12, 2005	Ground Surface Elevation: 24.70 Feet amsl				
Total Depth: 29.0 Feet bgs	Top of Casing Elevation: 27.33 Feet amsl				
Water Level Well/Boring Completion Water Level Well/Boring Completion Well/Boring Salary Well/Boring Completion Well/Borin	Ö				
- Slough	23 to 23.5 ft. SILT AND CLAY: very dark grayish brown (2.5Y 3/2), moist, 90% fines with medium to high plasticity,				
	brown (2.5Y 4/3), wet, 80% fine to coarse subrounded sand, 10% non-plastic fines, 10% fine subrounded gravel, potential slough 24.5 to 25 ft. SILT AND CLAY: very dark grayish brown (2.5Y 3/2), moist, 90% fines with medium to high plasticity, 10% fine sand				
5— -	25 to 28 ft. SANDY SILT: very dark grayish brown (2.5Y 3/2), moist, 70% non-plastic fines, 25% fine to coarse sand, 5% fine gravel 28 to 29 ft. POORLY GRADED SAND: very dark grayish brown (2.5Y 3/2), wet, 95% fine to coarse subangular to subrounded sand, 5% fine subangular to subrounded gravel, trace of non-plastic fines				
5— - -					

LOG OF BORING MCH-6LA

(Sheet 1 of 3)

		(Sheet 1 of 3)			
Client: US NAVY	Drilling Company: West Hazmat				
Project: MOFFETT COMMUNITY HOUSING	Drilling Method: Hollow-stem auger				
Project Number: 1990.079D		Sampling Method: Continuous Core			
Location: FORMER NAS MOFFETT FIELD, CA	Borehole Diameter: 10 in.0-54 Ft.				
Geologist: P. Weston	Northing: 1,976,130.70 Feet (NAD 83; NAVD 88)				
Date Started: July 19, 2005	Easting: 6,106,188.50 Feet (NAD 83; NAVD 88)				
Date Completed: July 19, 2005		Ground Surface Elevation: 27.80 Feet amsl			
Total Depth: 54.0 Feet bgs		Top of Casing Elevation: 30.40 Feet amsl			
Water Level Well/Boring Completion Beausks Well/Boring Completion Completion Remarks BID PID PID PID	nscs	LITHOLOGIC DESCRIPTION			
5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete	ML	0 to 4 ft. SANDY SILT: dark brown (10YR 3/3), moist, 50% fines with low plasticity, 40% fine to coarse subrounded sand, 10% fine subrounded gravel, trace roots			
5—Grout (95% cement 5% bentonite)	ML	4 to 8 ft. SILT: dark gray (5Y 4/1), moist, 90% fines with low to medium plasticity, 10% fine sand, trace gravel			
- 4" Schedule 40 PVC Blank Casing	ML	8 to 10 ft. GRAVELLY SILT: pale olive (5Y 6/3), moist, 65% fines with low plasticity, 30% fine to coarse subrounded gravel, 5% fine to coarse subrounded sand			
	ML CL	10 to 11.5 ft. SANDY SILT: olive gray (5Y 4/2), moist, 70% fine with low to medium plasticity, 20% fine to coarse subrounded sand, 10% fine subrounded gravel, trace roots 11.5 to 12.5 ft. CLAY: olive gray (5Y 4/2), moist, 90% fines			
	ML	with high plasticity, 10% fine sand 12.5 to 15 ft. SANDY SILT: olive (5Y 4/3), moist, 60% fines with low plasticity, 35% fine to coarse subangular sand, 5% fine gravel, trace roots			
	SM	15 to 17.5 ft. SILTY SAND: olive gray (5Y 4/2), moist, 60% fine sand, 40% fines with low plasticity, trace gravel			
	GM SM	17.5 to 19 ft. SILTY GRAVEL WITH SAND: olive (5Y 4/3), wet, 50% fine gravel, 25% fine to coarse sand, 25% fines with low to medium plasticity 19 to 20 ft. SILTY SAND: dark bluish gray (2 GLEY 3/10B),			
	SP-SM	moint E00/ fine and E00/ law to non plactic fines			
	ML ML	20.5 to 23.5 ft. SILT: dark bluish gray (2 GLEY 3/10B), moist, 90% fines with low to medium plasticity, 10% fine sand			
- 181 181 1 I	SM	23.5 to 24 ft. SANDY SILT: dark bluish gray (2 GLEY 3/10B), moist, 60% fines with low to medium plasticity, 40%			

LOG OF BORING MCH-6LA

(Sheet 2 of 3)

0" (110 114) 0 (
Client: US NAVY				Drilling Company: West Hazmat				
Project: MOFFET	T COMMUNITY HOUSING			Drilling Method: Hollow-stem auger				
Project Number:	1990.079D			Samp	ling Method: Continuous Core			
Location: FORME	ER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-54 Ft.			
Geologist: P. Wes	ston			North	ing: 1,976,130.70 Feet (NAD 83; NAVD 88)			
Date Started: July	/ 19, 2005			Eastir	ng: 6,106,188.50 Feet (NAD 83; NAVD 88)			
Date Completed:	July 19, 2005			Grour	nd Surface Elevation: 27.80 Feet amsl			
Total Depth: 54.0	Feet bgs			Тор о	f Casing Elevation: 30.40 Feet amsl			
Depth (ft.) Water Level Well/Boring Completion	Well/Boring Remarks	PID F Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION			
- 888			ML		fine to coarse sand, trace gravel 24 to 25.5 ft. SILTY SAND: dark bluish gray (2 GLEY 3/10B), wet, 70% fine to coarse sand, 30% low to non-plastic fines, trace gravel 25.5 to 27.5 ft. SANDY SILT: dark bluish gray (2 GLEY			
			SM GM		3/10B), wet, 70% fines with medium plasticity, 30% fine to coarse sand, trace fine gravel 27.5 to 29 ft. SILTY SAND WITH GRAVEL: dark bluish gray			
30-			ML		(2 GLEY 3/10B), wet, 40% fine to coarse sand, 30% fines with low plasticity, 30% fine rounded gravel, trace calcareous nodules 29 to 29.5 ft. SILTY GRAVEL WITH SAND: dark bluish gray (2 GLEY 3/10B), wet, 70% fine subrounded to rounded			
			SM		gravel, 15% fine to coarse sand, 15% non-plastic fines 29.5 to 33 ft. SANDY SILT: very dark gray (5Y 3/1), moist, 70% fines with low plasticity, 30% fine sand 33 to 34.5 ft. SILTY SAND: very dark gray (5Y 3/1), moist, 85% fine to medium sand, 15% non-plastic fines			
35—			ML		34.5 to 37 ft. SILT: dark greenish gray (2 GLEY 4/10BG), moist, 90% fines with medium plasticity, 10% fine sand			
	→ Bentonite Seal		ML/CL		37 to 40 ft. SILT AND CLAY: bluish gray (2 GLEY 6/5B), moist, 90% fines with medium to high plasticity, 10% fine to coarse sand, trace calcareous nodules			
40 -	Filter Pack (#2/12 Sand) Centralizer		SP-SM		40 to 44 ft. POORLY GRADED SAND WITH SILT: dark bluish gray (2 GLEY 4/5B), wet, 90% fine to medium sand, 10% non-plastic fines			
45-			SM ML		44 to 45 ft. SILTY SAND: dark gray (5Y 4/1), wet, 80% fine to coarse sand, 20% non-plastic fine, trace calcareous nodules 45 to 47 ft. SILT WITH SAND: dark gray (5Y 4/1), moist,			
	Wire-Wrapped Screen		SM ML		47 to 47.5 ft. SILTY SAND: dark gray (5Y 4/1), moist, 80% fines with low plasticity, 20% fine to coarse sand 47 to 47.5 ft. SILTY SAND: dark gray (5Y 4/1), wet, 80% fine to coarse sand, 20% non-plastic fines, trace gravel, trace calcareous nodules 47.5 to 49 ft. SILT WITH SAND: dark gray (5Y 4/1), moist,			

LOG OF BORING MCH-6LA

(Sheet 3 of 3)

Clien	nt: US	NAVY				Drillin	g Company: West Hazmat		
Proje	ect: M	10FFET	T COMMUNITY HOUSING			Drilling Method: Hollow-stem auger			
Proje	ect Nu	ımber: 1	1990.079D			Samp	oling Method: Continuous Core		
Locat	tion:	FORME	R NAS MOFFETT FIELD, CA	4		Boreh	nole Diameter: 10 in.0-54 Ft.		
Geol	ogist:	P. Wes	ston			North	ing: 1,976,130.70 Feet (NAD 83; NAVD 88)		
Date	Start	ed: July	19, 2005			Eastir	ng: 6,106,188.50 Feet (NAD 83; NAVD 88)		
Date	Com	pleted:	July 19, 2005			Groui	nd Surface Elevation: 27.80 Feet amsl		
Total	Dept	h: 54.0	Feet bgs			Top c	of Casing Elevation: 30.40 Feet amsl		
Depth (ft.)	Water Level	Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	(#/ acitcy/cl	
			—Centralizer ⋖ -Bentonite		ML		subangular sand, 10% fine gravel 49 to 49.5 ft. SILTY SAND: dark yellowish brown (10YR 4/4), wet, 70% fine to medium sand, 30% fines with low to medium plasticity 49.5 to 54 ft. SILT: dark yellowish brown (10YR 4/4), moist, 90% fines with low plasticity, 10% fine sand, trace subangular to subrounded gravel	-2	
55— - -									
- - 60-								-	
- - 65—								_	
- - -								-	
70 - - -									
Note			og Reviewed By: D. Goldman 8	3/31/05					
Note		bgs = be AMSL =	og Reviewed By: D. Goldman & low ground surface above mean sea level applicable	3/31/05					

LOG OF BORING MCH-7UA

(Sheet 1 of 1)

					(Sileet 1 Of 1)		
Client: US NAV	(Drilling Company: West Hazmat			
Project: MOFFE	TT COMMUNITY HOUSING			Drillin	g Method: Hollow-stem auger		
Project Number:	1990.079D			Sampling Method: N/A			
Location: FORM	IER NAS MOFFETT FIELD, CA			Boreh	nole Diameter: 10 in.0-21 Ft.		
Geologist: B. Ba	rtelma			North	ing: 1,976,441.73 Feet (NAD 83; NAVD 88)		
Date Started: Ju	ly 14, 2005			Eastir	ng: 6,106,393.68 Feet (NAD 83; NAVD 88)		
Date Completed:	July 14, 2005			Grou	nd Surface Elevation: 25.90 Feet amsl		
Total Depth: 21.0	0 Feet bgs	_		Тор с	of Casing Elevation: 28.78 Feet amsl		
Depth (ft.) Water Level Well/Boring Completion	. Well/Boring Remarks	PID Wdd Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	i	
-	5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete Grout (95% cement	FFIN			NO LOG OF BORING. Please see MCH-8LA for lithology		
5-	5% bentonite) 4" Schedule 40 PVC Blank Casing -Bentonite Seal						
10-	Filter Pack (#2/12 Sand)						
- 15- - -	4" Schedule 40 PVC 0.010 Wire-Wrapped Screen						
20-							
bgs = b	Log Reviewed By: D. Goldman 8/31 pelow ground surface = above mean sea level	/05					

LOG OF BORING MCH-8LA

(Sheet 1 of 2)

					(Sheet 1 of 2)	
Client: US NAV	<u></u>			Drilling	g Company: West Hazmat	
			Drilling Method: Hollow-stem auger			
Project Number:	1990.079D			Samp	ling Method: Continuous Core	
Location: FORM	IER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-49 Ft.	
Geologist: B. Ba	ırtelma			North	ing: 1,976,435.92 Feet (NAD 83; NAVD 88)	_
Date Started: Ju	 ily 14, 2005			Eastir	ng: 6,106,404.63 Feet (NAD 83; NAVD 88)	
Date Completed:	July 14, 2005			Grour	nd Surface Elevation: 25.60 Feet amsl	_
Total Depth: 49.	0 Feet bas			Top o	f Casing Elevation: 28.44 Feet amsl	_
Depth (ft.) Water Level Well/Boring Completion	1	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	(b)
- - - 5- - - - - 10- - - -	5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete -Grout (95% cement 5% bentonite) -4" Schedule 40 PVC Blank Casing		ML SM		7 to 8.5 ft. SANDY SILT: dark gray (5Y 4/1), moist, 60% non-plastic fines, 40% fine to coarse sand 8.5 to 9 ft. SILTY SAND: olive (5Y 4/3), moist, 60% fine to coarse sand, 40% non-plastic fines 9 to 18 ft. WELL GRADED SAND WITH SILT AND GRAVEL: olive (5Y 4/3), wet, 75% fine to coarse subangular to subrounded sand, 15% fine to coarse gravel, 10% non-plastic fines	
20-			SW-SM		18 to 19 ft. WELL GRADED SAND WITH SILT: dark greenish gray (2 GLEY 3/10G), wet, 90% fine to coarse subrounded sand, 10% non-plastic fines, trace fine gravel 19 to 21 ft. SANDY SILT: dark bluish gray (2 GLEY 4/5B), moist, 60% non-plastic fines, 40% fine sand 21 to 29 ft. SILTY SAND: dark bluish gray (2 GLEY 4/5B),	
- 8			SM		moist, 60% fine to coarse sand, 40% non-plastic fines, trace gravel, 24 to 29 feet bgs potential slough	

LOG OF BORING MCH-8LA

(Sheet 2 of 2)

Client							
Client: US NAVY			Drilling Company: West Hazmat				
Projec	ct: MOFFET	T COMMUNITY HOUSING			Drilling	g Method: Hollow-stem auger	
Projec	ct Number:	1990.079D			Samp	ling Method: Continuous Core	
Locati	ion: FORME	ER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-49 Ft.	
Geolo	gist: B. Bart	telma			North	ng: 1,976,435.92 Feet (NAD 83; NAVD 88)	
Date \$	Started: July	/ 14, 2005			Eastir	g: 6,106,404.63 Feet (NAD 83; NAVD 88)	
Date (Completed:	July 14, 2005			Grour	d Surface Elevation: 25.60 Feet amsl	
Total	Depth: 49.0	Feet bgs			Тор о	f Casing Elevation: 28.44 Feet amsl	
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID F Readings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION	
-			1110	SM			
30-		a Dantan'ia Garl		CL		29 to 32 ft. CLAY: dark bluish gray (2 GLEY 4/5B), moist, 90% fines with high plasticity, 10% fine sand	
				ML		32 to 34 ft. SILT: mottled olive (5Y 4/3) and dark bluish gray (2 GLEY 4/5B), 90% non-plastic fines, 10% fine sand	
35-		Centralizer		CL		34 to 37.5 ft. SANDY CLAY: dark bluish gray (2 GLEY 4/5B), moist, 70% fines with medium to high plasticity, 30% fine to medium sand	
-				SM		37.5 to 39 ft. SILTY SAND: dark bluish gray (2 GLEY 3/5B), wet, 85% fine to coarse sand, 15% non-plastic fines	
40-		4" Schedule 40 PVC 0.010 Wire-Wrapped Screen		ML		39 to 42 ft. SANDY SILT: dark bluish gray (2 GLEY 4/5B), moist, 65% fines with medium plasticity, 35% fine to medium sand	
15		Centralizer		SM		42 to 45 ft. SILTY SAND: dark bluish gray (2 GLEY 3/5B), wet, 75% fine to coarse subrounded sand, 25% non-plastic fines, trace fine gravel	
45—				ML		45 to 47 ft. SILT: olive gray (5Y 4/2), moist, 90% low to non-plastic fines, 10% fine sand, calcareous nodules	
1		⋖ -Bentonite		CL/ML		47 to 49 ft. CLAY AND SILT: olive gray (5Y 4/2), moist, 90% fines with medium to high plasticity, 10% fine sand	

LOG OF BORING MCH-9UA

(Sheet 1 of 2)

						(Sheet 1 of 2)		
Client: US NAVY					Drilling Company: West Hazmat			
Project:	MOFFET	T COMMUNITY HOUSING			Drilling Method: Hollow-stem auger			
Project I	Number: 1	1990.079D			Sam	oling Method: Continuous Core		
Location	n: FORME	R NAS MOFFETT FIELD, CA			Borel	nole Diameter: 10 in.0-29 Ft.		
Geologi	st: P. Wes	ston			North	ning: 1,976,966.30 Feet (NAD 83; NAVD 88)		
Date Sta	arted: July	20, 2005			Easti	ng: 6,106,223.90 Feet (NAD 83; NAVD 88)		
Date Co	ompleted: .	July 20, 2005			Grou	nd Surface Elevation: 22.70 Feet amsl		
Total De	epth: 29.0	Feet bgs			Top o	of Casing Elevation: 25.07 Feet amsl		
Depth (ft.)	Water Level Well/Boring Completion	Well/Boring Remarks	PID Weadings	nscs	Graphic Log	LITHOLOGIC DESCRIPTION		
- - -		5' steel standpipe (2 ft. bgs) in 2' x 2' concrete pad surrounded by 3 concrete filled bollards Concrete		ML		0 to 5 ft. SILT: black (5Y 2.5/1), dry to moist, 90% fines with medium plasticity, 10% fine to coarse sand, roots		
5		Grout (95% cement 5% bentonite)		ML		5 to 7 ft. SILT: dark gray (5Y 4/1), moist, 90% fines with medium to high plasticity, 5% fine to medium sand, 5% fine gravel, calcareous nodules 7 to 9 ft. GRAVELLY SILT: dark gray (5Y 4/1), moist, 50%		
10-		—4" Schedule 40 PVC Blank Casing		ML		fines with low to medium plasticity, 40% fine subangular to subrounded gravel, 10% fine to coarse subangular to subrounded sand 9 to 16 ft. SILT WITH SAND: grayish brown (2.5Y 5/2), moist, 85% fines with low to medium plasticity, 10% fine to coarse subangular sand, 5% fine subangular gravel		
- - 15—		-Bentonite Seal -Filter Pack (#2/12 Sand)		ML				
				SM		16 to 16.5 ft. SILTY SAND: dark grayish brown (2.5Y 4/2), wet, 50% fine to coarse sand, 45% fines with low plasticity, 5% fine gravel 16.5 to 19 ft. SILTY SAND WITH GRAVEL: very dark gray (2.5Y 3/1), wet, 40% fine to coarse subrounded sand, 40%		
20-		—4" Schedule 40 PVC 0.010 Wire-Wrapped Screen		SP-SM		fine to coarse subrounded gravel, 20% non-plastic fines 19 to 23 ft. POORLY GRADED SAND WITH SILT AND GRAVEL: very dark gray (2.5Y 3/1), wet, 55% fine to coarse sand, 35% fine to coarse gravel, 10% non-plastic fines		
-				GW-GM		23 to 24 ft. WELL GRADED GRAVEL WITH SILT AND SAND: very dark gray (2.5Y 3/1), wet, 75% fine to coarse subrounded gravel, 15% fine to coarse subrounded sand,		

LOG OF BORING MCH-9UA

(Sheet 2 of 2)

					(Sileet 2 of 2)		
Client: US NA	Λ			Drilling Company: West Hazmat			
Project: MOFF	ETT COMMUNITY HOUSING			Drilling	g Method: Hollow-stem auger		
Project Numbe	r: 1990.079D			Samp	ling Method: Continuous Core		
Location: FOR	MER NAS MOFFETT FIELD, CA			Boreh	ole Diameter: 10 in.0-29 Ft.		
Geologist: P. \	Veston			Northi	ng: 1,976,966.30 Feet (NAD 83; NAVD 88)		
Date Started: .	July 20, 2005			Eastin	g: 6,106,223.90 Feet (NAD 83; NAVD 88)		
Date Complete	d: July 20, 2005			Grour	d Surface Elevation: 22.70 Feet amsl		
Total Depth: 2	9.0 Feet bgs			Top o	f Casing Elevation: 25.07 Feet amsl		
Depth (ft.) Water Level Well/Boring	Well/Boring Remarks	PID Feadings	NSCS	Graphic Log	LITHOLOGIC DESCRIPTION		
- 7777		FFIVI	SW		10% non-plastic fines 24 to 26.5 ft. WELL GRADED SAND: light olive brown (2.5Y 5/4), wet, 90% fine to coarse rounded sand, 5% non-plastic fines, 5% fine rounded gravel		
_	■ Bentonite		SM		26.5 to 28 ft. CLAY WITH SAND: gray (5Y 5/1), moist, 75% fines with high plasticity, 25% fine to coarse rounded sand 28 to 29 ft. SILTY SAND: gray (2.5Y 5/1), moist, 60% fine sand, 40% fines with low to medium plasticity		
30—					County, 40% lines with low to median plasticity		
-							
35—							
40 —							
45—							
-							
bgs = AMS	g Log Reviewed By: D. Goldman 8/31 below ground surface = above mean sea level not applicable	1/05					

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)ドVド L	.OPM	ENT L	OG / W	/ELL	SAMPLING LOG
Project N Project Nur	lame: 1991 mber: 1991	0.079	P	Well N	lumber:	MCH-1UA EMBAL DEV. PIG
Site Engi	Date: 7) ineer: HV	541	ZH	Cor	ntractor:	TEST AMERICAI
Depth to Water of Depth to Sedime	ent (ft)	11.10 24.	efore 0 DD	Reference TD	ce Point	11.17 24.15
Depth of Well (fi Diameter of Cas Water Column I Casing Volume Total Volume P	sing (ft) Height (ft) e (gals) =π(Di	iam, of Ca	5 H Ising (ft)/2) ² (V	Vater Columi	n Height (f Casing	t))(7.48 gels/ft³) = 8.47 Volumes Purged ~ 7.4
Time pH	Turbidity (NTU)	Temp (°C)	Conductivity (µmhos)	Dissolved Oxygen _(mg/L)	Salinity (%)	Comments
1555 8.85 1400 8.57 1403 8.59 1406 8.5	202.6 2 19.1 1 29.9 3 16.6	19.32 19.20 19.07 19.07	1253 1234 1234 1239	0.50 0.90 0.97 1.00	PW	Clearing clear, stable

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7-	TETRATECH EC, INC
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WELL DEVELOPMENT	LOG / WELL SAMPLING LOG
Project Name: MCH Project Number: 1990.090	Well Number: MCTO ZUA Equipment: MEAL DEV PIC
Date: 67465 Site Engineer: HB 904	Contractor: TES AMERICA
Depth to Water (ft) Depth to Sediment (ft) Thickness of Sediment (ft)	Reference Point TDC 11.61 TDC 42.42
Depth of Well (ft) Diameter of Casing (ft) Water Column Height (ft) Casing Volume (gals) =π(Diam. of Casing (ft)/2 Total Volume Purged (gals)	(Water Column Height (ft))(7.48 gals/ft³) = 20.4 Casing Volumes Purged
Time pH Turbidity Temp Conductive (NTU) (°C) (µmhos	s) Oxygen (%)
1450 891 3811 2617 6281 1505 618 6180 21.34 1240 1520 891 77.3 19.58 1272 1530 891 67.4 19.36 1272 1535 879 47.7 19.45 1269 1540 8.19 38.16 19.23 1271	1 0.84 NM stillding after 10 gal purs 2 1.01 1 10 1 111 1 Claries upper scen produces sil
Notes Sampling Procedures: TOX A LOY (LAPONNE CHEA IN)	MW MCH-1UA - WT OF HO STEADY
1:\1990-RAC\CTO-0003\W/PDOCS\WellLog2.doc	

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TETRATECH &C,IH	C
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			ENIL	JG / VV	ELL.	SAMPLING LOG
Project Nan Project Numb	ne: <u>40</u> er: <u>19</u> 9	H 0.019	10	Well N	lumber: 🖡	JCH-ZUA SMEAL DEV LIB
Da Site Engine	er: V	2005	47	Con	itractor: =	TEST-AMBRICA
Depth to Water (ft) Depth to Sedimen Thickness of Sedi Depth of Well (ft) Diameter of Casin Water Column He Casing Volume (t (ft) _ ment (ft) _ g (ft) _ ight (ft) _ gals) =π(Di	10.2 20.1 20.1 10.1 am. of Cas			1(kup)	$\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$ $\frac{10^{\text{Aftery}}}{2 \cdot 0^{\text{Aftery}}}$
Time pH	Turbidity (NTU)		Conductivity (µmhos)	Oxygen	Salinity (%)	Comments
Notes Sampling	1763 101.6 19.2 11.8 40.1	21.98 19.65 19.61 19.39	1013 1073 1074 1074 1075	(mg/L) 1.67 1.52 1.03 1.57 1.45	NM V	WESTERDY VISUALLY CLEAR JAKES DL REMAINED STEA

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Page		of		

WE	LL D	EVEL	QPM	ENT L	OG / W	/ELL	SAMPLING LOG	
Project Name: MCH-4LA Project Number: 490:040 Date: 9305 Well Number: MCH-4LA Equipment: MCH-4LA								
s	ite Engin	— ; 4 7	5 70	f7	Cor	ntractor: 1	BA AUBLICA	
Depth to Thickness Depth o Diamete	Water (ft) Sediments of Sedi f Well (ft) or of Casin Column He	ot (ft) iment (ft) ng (ft)	8.8	efore 7D 3 BTDC (3 19 using (ft)/2) ² (1		n Height (f	1 bq5 t))(7.48 gals/ft³) = $\frac{25.2}{4.3}$	
Total V	olume Pu	rged (gals)		Can de cabie dhe	Dissolved	Salinity		
Time	рН	Turbidity (NTU)	Temp (°C)	Conductivity (µmhos)	Oxygen (mg/L)	(%)	Comments	
1618	8.85 8.90 8.90	47.0 19.4 13.9	20.W 20.31 19.97	1097	1.07	1 NM	visually dear/stable	
			-					
Notes S	Sampling I	Procedures	VER	LSOYT BE	TROM. 5	(ALSE)	AMANG @1540	
	- ·		<u> </u>					

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WE	WELL DEVELOPMENT LOG / WELL SAMPLING LOG						
	roject Nar ect Numb		CH	<u> 10</u>		lumber: _ lipment: <u>{</u>	
S	ite Engine		5 50	7	Cor	ntractor:	HEST AMBRICA
Depth to Water (ft) Depth to Sediment (ft) Thickness of Sediment (ft) Depth of Well (ft) Diameter of Casing (ft) Water Column Height (ft) Casing Volume (gals) = \(\pi(\text{Diam.} \) (Diam. of Casing (ft)/2)^2 (Water Column Height (ft))(7.48 gals/ft^3) = \(\frac{12.4}{5} \) Total Volume Purged (gals)							
Time	рН	Turbidity (NTU)	Temp	Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)	Comments
0805 0810 0935 0820 0835 0830	(0.40 (0.80 (0.65) (0.65) (0.65) (0.65)	78.6 108 108 108 109.6 107.5	61.5 67.19 167.3 61.6 200 000	1.02 1.02 1.02 1.02 1.02 1.02	NM -	D745 umped	Puprate 12 gal/min. Visually deal Clear O 12 gal/minute,
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WELL DEVELOPMENT LOG / WELL SAMPLING LOG							
Pr	roject Nar ect Numb	ne: <u>HC</u> per: <u>199</u>	H 2019	D	Well N	lumber: ipment: <u>ح</u>	MCH-6LA
Si	Da ite Engino	ate: 9 14 eer: <u>M.</u>	25 DA	7	Cor	tractor:	TEST AMBRICA
Depth to Water (ft) Depth to Sediment (ft) Depth to Sediment (ft) Depth of Well (ft) Depth of Well (ft) Diameter of Casing (ft) Water Column Height (ft) Casing Volume (gals) = π (Diam. of Casing (ft)/2)² (Water Column Height (ft)) (7.48 gals/ft³) = $\frac{27}{3}$. Total Volume Purged (gals)							
Time	ρН	Turbidity (NTU)	Temp (20)	Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)	Comments
1015	(0.62 (0.82 (0.46)	73.6	613	0.10	(mg/L)	DM I	d. Cloudy-Clearing Visually Clear Clear
Notes &	Sampling I BAIUN DLAW	Procedures: No. PU ONE TO	MP OI	1900 NE	CHARE	war I gal	PANING DOWN DURING TMIN STILL
1:\1990-RA	C\CTO-0003\	WP00CS\WellL	og2.doc				

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WE	LL D	EVEL	OPM	ENT L	OG / W	/ELL	SAMPLING LOG			
Proj	Project Name: MCH - TUA Project Number: 1990.090 Equipment: 540.000 Date: 612105 Site Engineer: MB 4 DL Contractor: 150.0000									
	- Liigiii						16.			
Depth to Water (ft) Depth to Sediment (ft) Thickness of Sediment (ft) Depth of Well (ft) Diameter of Casing (ft) Water Column Height (ft) Casing Volume (gals) = π (Diam. of Casing (ft)/2)² (Water Column Height (ft))(7.48 gals/ft³) = 7.2 Casing Volumes Purged										
Total Vo	olume Pu	rged (gals)	$\sim \varphi$							
Time	рН	Turbidity (NTU)	Temp (°C)	Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)	Comments			
1725	8.62	0585	21.16	1198	0.86	NM				
130 133 134	8.56 8.56 8.58	96.5 16.2	19:31	125 1231	0.90	J	waterisually clear.			
				<u> </u>		<u> </u>				
Notes S	Notes Sampling Procedures: 1215 Paras Punchas.									
<u> </u>					_					

TE TETRATE	CH EC INC						
WELL D	EVEL	OPM	ENT L	OG / W	/ELL	SAMPLING LOG	
Project Na Project Num E	me: MC	H	9D	Well N Equ	lumber: \frac{1}{2}	MEAL DEVELGA	
Depth to Water (ft) Depth to Sediment (ft) Depth to Sediment (ft) Depth of Well (ft) Diameter of Casing (ft) Water Column Height (ft) Casing Volume (gals) = π (Diam. of Casing (ft)/2)² (Water Column Height (ft)) Total Volume Purged (gals)							
Time pH 125 8,46 130 9,95 135 9,11	Turbidity (NTU) 902.0 19.3 17.3	Temp (°C) 20.04 1994 20.03 19.70	Conductivity (µmhos) 920.9 931.7 939.4 949.9	Dissolved Oxygen (mg/L) 1.37 1.17 1.03 0.93	Salinity (%)	VIGUALLY CLEW	
Notes Sampling	Procedures:	Purt	Parell).45			
			····	<u></u>			

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WE	LL D	EVEL	OPN	IENT L	OG / W	VELL	SAMPLIN	IG LOG
Proj	ect Num	me: <u>M (</u> ber: <u>199</u> ate: <u>87</u> eer: <u>/</u>	N 0.0 F 05 - E MB 51	1D 33105 041	Equ	ıipment:∠	YCH-9VA MBAL WEL JEST AMER	LDEVE16
Depth to Thickness Depth o Diamete Water C Casing		nt (ft) iment (ft) ng (ft)	20.00 20.00 40 25.10 am. of Ca	<i>P</i> esing (ft)/2) ² (V	100 10 3' Snow	n Height (fl	22 45 30,09 1.09 BGS t))(7.48 gals/ft³) = Volumes Purged	16.9
Time	рН 9.0 9	Turbidity (NTU)	Temp (°C)	Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)		ments X dawr Ng down
06/5 06/35 06/35	9.13	140.3	907	9304 945.1 9862	260	>	WL 21.42 Gtrle GIT W 22.45 Turbidity Duged we Verygred 7 2 days	not imposing and one
Notes S	ampling P	rocedures:	VERY	Stowlet	HARGE	· 8/2/0	5 WELL WA	3 PULED 19 00 16025
ALM	EY DA DENE PING	11/100 10 8/2 0 1/2	al/n	~ STIU	@14.46	7 @ C	OTSD STA	TED

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AAELF DI	こくににく) P Wil	CIA! F	DG / W		SAMPLING LOG_	
Project Nam	25.4.0	7		Well N	Number:	UCH-IDLA	
Project Number: 1990, 0 MD				Equipment: MEAL DEV K16			
Da Site Engine	- COT L	7124		Cor	ntractor:	TEST AMEDICA	
Depth to Water (ft) Depth to Sediment Thickness of Sedin		(2.80 (3.3) 2.11	fore	Reference TDC TDC	çe Point	9.60 45.41	
	ght (ft) <u> </u>		(1 5 36), sing (ft)/2) ² (V	$oldsymbol{\psi}$ Vater Colum	n Height (ft Casing	(t))(7.48 gals/ft³) = 44,000 Volumes Purged 7,000 (a	
Total Volume Purg			Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)	Comments	
1200 8.95 120 6.98 125 9.02 123 9.03 1223 9.03 1225 9.	761.88 (2 180.6) (2 109.5) (2 17.1 20.3 17.1 20.3 17.1 20.3 17.1 20.3 17.1 20.3	240 20.23 20.33 20.17 20.17 20.25	934.7 959.D 961.1 960.1	1.15 0.39 1.15 1.31 1.40	DIIZS.	VISUALLY dear	

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WELL	DEV	/EL	ОРМ	ENT LO	OG / W	/ELL	SAMPLING LOG
Project Project Nu	_	199).DAI 2005) 18/3/05		lumber: ipment:	SMEAL DEVILLE
Site Eng	gineer:	Ma		<u> </u>	Cor	ntractor: <u> </u>	TESTAMORICA
Depth to Water (ft) Depth to Sediment (ft) Thickness of Sediment (ft)			11.70 25.3 114	efore)	Reference Point		11.78 15.82
Depth of Well Diameter of Ca Water Column Casing Volun Total Volume	asing (ft Height ne (gals	(ft)) =π(Di	am. of Ca	2 (3'45) 2 Sing (ft)/2) ² (V		n Heiaht (f	t))(7.48 gals/ft ³) = $\frac{9.3}{11.3}$
Time pH	Tur	rbidity (TU)	Temp (°C)	Conductivity (µmhos)	Dissolved Oxygen (mg/L)	Salinity (%)	Comments
1010 8.7 015 0.8 070 8.1 1023 8.1 1024 8.1	D 40 D 6 D 3 (O 3)	60 54 65 9	1.83 2.83 2.83 2.83 2.83 2.83 2.83 2.83 2	1199 1200 1204 1203 1204	1.78	NM	clear clear
Notes Sampli AUS X TO LER	ng Proce	edures:	BRAN RETUK (PV E)	JBAIUNG DABO 8/3 NDCAP.	BAILEZ E 3105 - I MEW TD	BROUGHT BROY	UPFILITER PACK TERROLES LERICA SET BOTTOM PLU 5.82-BTOC:0955
ENISSO-RACICTO-C	D M	IMT	<u> </u>				